



Jyh Eng Technology Co., Ltd.

End to End Solution



To be a world-class leader in cabling industry

- **To customers**
Promise value-added quality and service
- **To business partners**
Make a win-win provision
- **To the earth**
Reduce, recycle, reuse

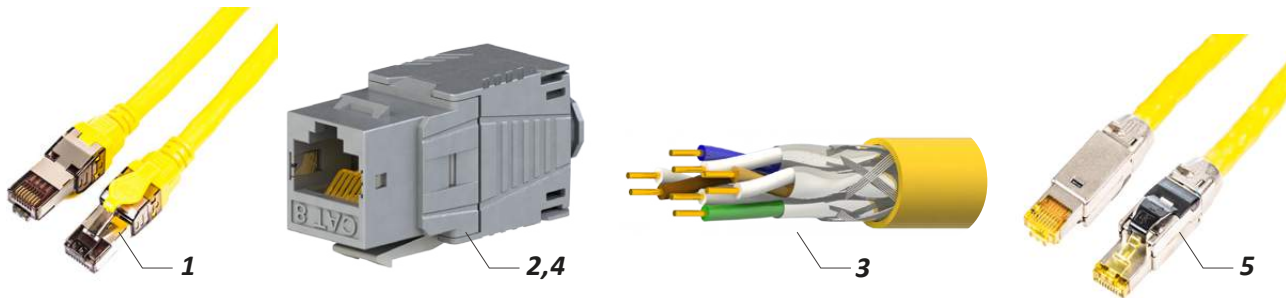
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Thailand
Factory

China
Factory

Cat.8 S/FTP End to End Solution



Features

- GHMT verified ISO/IEC 11801-1:2017 class I 2000MHz performance
- Complied with the IEEE802.3bt type4 PoE++ 100 W applications
- Design to support the rate up to 40Gbps and 25Gbps over length up to 30meters

Cat.8 Channel Configuration



ID	Part Number	Descriptions	Page
1	ACBIA 06607 2XXXX	Cat.8 S/FTP 24 AWG PCB patch cord, 1 to 5m	P.092
2,4	AADBG 02117 00015	KJ58F-C8-FS 180° Cat.8 STP keystone jack, Tool-Free, GHMT and FORCE Verified	P.012
3	ABXVA 0601 5015XX	Cat.8 horizontal cable, Cat.8 S/FTP 22 AWG solid wires, max. 24m	P.112
5	ACXVA 06618 2XXXX	Cat.8 S/FTP 22 AWG field termination plug patch cord, 1 to 5m	P.090

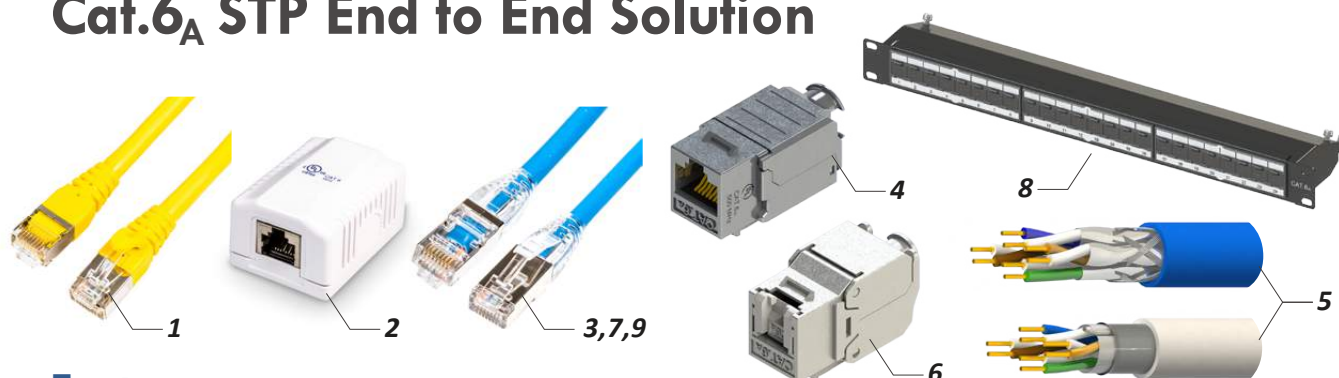
Electrical Characteristics (ISO/IEC 11801-1 Class I)

DC loop resistance	Max. 6.4Ω/30m at 20°C
DC resistance unbalance	Conductor to conductor within a pair, max. 3%
DC resistance unbalance pair to pair	Max. 7%
DC current carrying capacity	0.75 A for each conductor within a single pair, up to 60°C
Dielectric withstand	1000 Vdc, conductor-to-conductor and conductor-to-screen
Propagation delay	Max. 165ns/30m at 2000MHz
Delay skew	Max. 16ns/30m, from 1 to 2000MHz
Coupling attenuation	Environmental Class E1, Max. 50dB from 30 to 100MHz, 24dB at 2000MHz
PoE	60 Vdc, 4PPoE 100 W, IEEE802.3bt type 4

Transmission Performance (ISO/IEC11801-1 Class I)

Frequency	Return loss	Insertion loss	NEXT	PSNEXT	ACRF	PSACRF	TCL
MHz	Min. dB	Max. dB	Min. dB	Min. dB	Min. dB	Min. dB	Min. dB
1	19.0	3.0	65.0	62.0	65.0	62.0	30.0
100	16.0	6.5	40.5	37.5	32.0	29.0	16.0
250	13.4	10.4	33.6	30.6	24.0	21.0	9.2
500	10.7	15.0	28.4	25.4	18.0	15.0	4.1
600	10.0	16.5	26.2	23.2	16.4	13.4	3.0
1000	8.0	22.0	19.6	16.6	12.0	9.0	3.0
2000	6.2	32.7	9.6	6.6	6.0	3.0	3.0

Cat.6_A STP End to End Solution



Features

- Compliant with ISO/IEC11801-1 class EA and ANSI/TIA 568.2-D Cat.6A 4-conductor channel included the Alien Cross Talk
- Power over HDBaseT™ (PoH) applications up to 100 W

Cat.6_A STP Channel Configuration



ID	Part Number	Descriptions	Page
1	ACXHE XX120 2XXXX	Cat.6A S/FTP 26 AWG Component-Rated patch cord, molded short boot	P.111
2	AAGCC 02021 53005	JE342RC6A-FSD/WH Cat.6A STP surface mount box, 2-port	P.080
3	ACXHE 02080 2XXXX	Cat.6A S/FTP 26 AWG Component-Rated patch cord, assembly boot	P.109
4	ACDCD 02115 03015	KJ32-6A-FS 90° Cat.6A STP Connecting-Hardware keystone jack, Low-Profile	P.040
	AIDAF 48121 20215	HPPKJF48/BK STP keystone panel, 1U-48port	P.129
5	ABXUE 0701 5015 XX	Cat.6A S/FTP or F/UTP 23 AWG solid wires cable	P.116
6	AADBH 02116 04015	KJ88F-6A-FS-D 180° Cat.6A STP Connecting-Hardware keystone jack, Tool-Free, Dust-Cap	P.020
	AAHOA 01060 10105	JE300-V6/WH Faceplate	P.143
7	ACXUQ XX080 2XXXX	Cat.6A F/UTP 28 AWG Component-Rated patch cord, assembly boot	P.109
8	AAABC 24001 541 XX	PPSB-KR-6A/xx 90° Cat.6A STP patch panel, 1U-24port, Dust-Cap type	P.074
9	ACXHB XX080 2XXXX	Cat.6A F/UTP 26 AWG Component-Rated patch cord, assembly boot	P.109

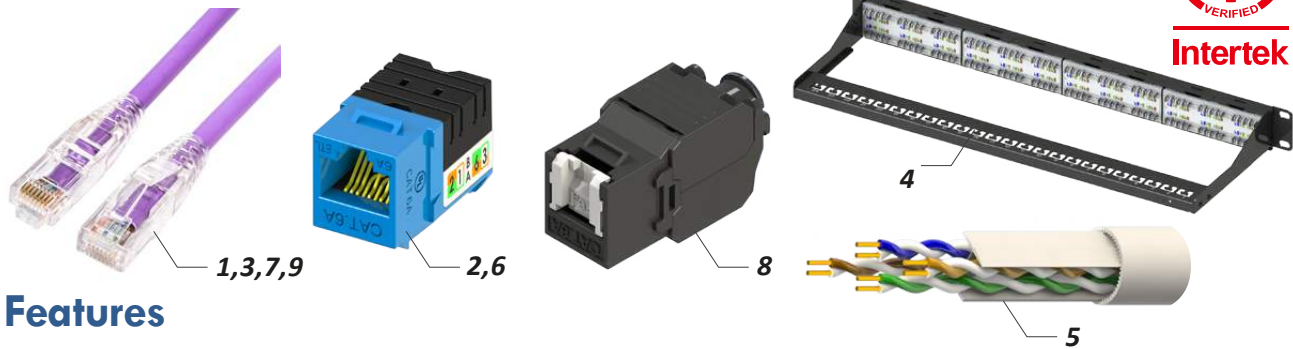
Electrical Characteristics (ISO/IEC 11801-1 Class EA)

DC loop resistance	Max. 25Ω/100m at 20°C
DC resistance unbalance	Conductor to conductor within a pair, max. 3%
DC resistance unbalance pair to pair	Max. 7%
DC current carrying capacity	0.75 A for each conductor within a single pair, up to 60°C
Dielectric withstand	1000 Vdc, conductor-to-conductor and conductor-to-screen
Propagation delay	Max. 546ns/100m at 500MHz
Delay skew	Max. 50ns/100m, from 1 to 500MHz
Coupling attenuation	Environmental Class E1, Max. 40dB from 30 to 100MHz, 26dB at 500MHz
PoE	60 Vdc, 4PPoE 100 W, IEEE802.3bt type 4

Transmission Performance (ISO/IEC11801-1 Class EA)

Frequency	Return loss	Insertion loss	NEXT	PSNEXT	ACRF	PSACRF	TCL	PSANEXT	PSAACRF
MHz	Min. dB	Max. dB	Min. dB	Min. dB	Min. dB	Min. dB	Min. dB	Min. dB	Min. dB
1	19.0	4.0	65.0	62.0	63.3	60.3	-	-	-
100	12.0	20.9	39.9	37.1	23.3	20.3	-	-	-
250	8.0	33.9	33.1	30.2	15.3	12.3	-	-	-
500	6.0	49.3	27.9	24.8	9.3	6.3	-	-	-

Cat.6A UTP End to End Solution



Features

- Extreme performance design for Hyper-Scale and Edge Data Center
- ETL verified ISO/IEC11801-1 class EA and ANSI/TIA 568.2-D Cat.6A 4-conductor channel including the Alien Cross Talk
- Power over HDBaseT™ (PoH) applications up to 100 W

Cat.6A UTP Channel Configuration



ID	Part Number	Descriptions	Page
1	ACXHA 02080 2XXXX	Cat.6A UTP 26 AWG Component-Rated patch cord, assembly boot	P.098
2	AADCE 01116 010XX	KJ38-6A-US/XX 90°Cat.6A UTP Connecting-Hardware keystone jack, Punch-Down	P.038
	AIDAE 24125 21101	UPKJ24-C6A-B/BK 180°Cat.6A UTP keystone panel, 1U 24-port, deeper support bar	P.126
3	ACXHA 02080 2XXXX	Cat.6A UTP 26 AWG Component-Rated patch cord, assembly boot	P.098
4	AAAGE 24251 60101	PUA24T-C6A/BK 180°Cat.6A UTP Connecting-Hardware patch panel, 1U-24port	P.062
5	ABTUA 0201 7035XX	Cat.6A U/UTP 23 AWG solid wires cable	P.118
6	AADCE 01116 010XX	KJ38-6A-US/XX 90°Cat.6A UTP Connecting-Hardware keystone jack, Punch-Down	P.038
	AAHOA 01060 10105	JE300-V6/WH Faceplate	P.143
7	ACXUP 02080 2XXXX	Cat.6A UTP 28 AWG Component-Rated patch cord, assembly boot	P.100
8	AADBH 01116 040XX	KJ88F-6A-US/XX-D 180°Cat.6A UTP Connecting-Hardware keystone jack, Tool-Free, Dust-Cap	P.030
	AAGPC 10010 42205	JE301A/WH keystone jack box, with jack bracket, 1-port, white color	P.145
9	ACXHA 02080 2XXXX	Cat.6A UTP 26 AWG Component-Rated patch cord, assembly boot	P.098

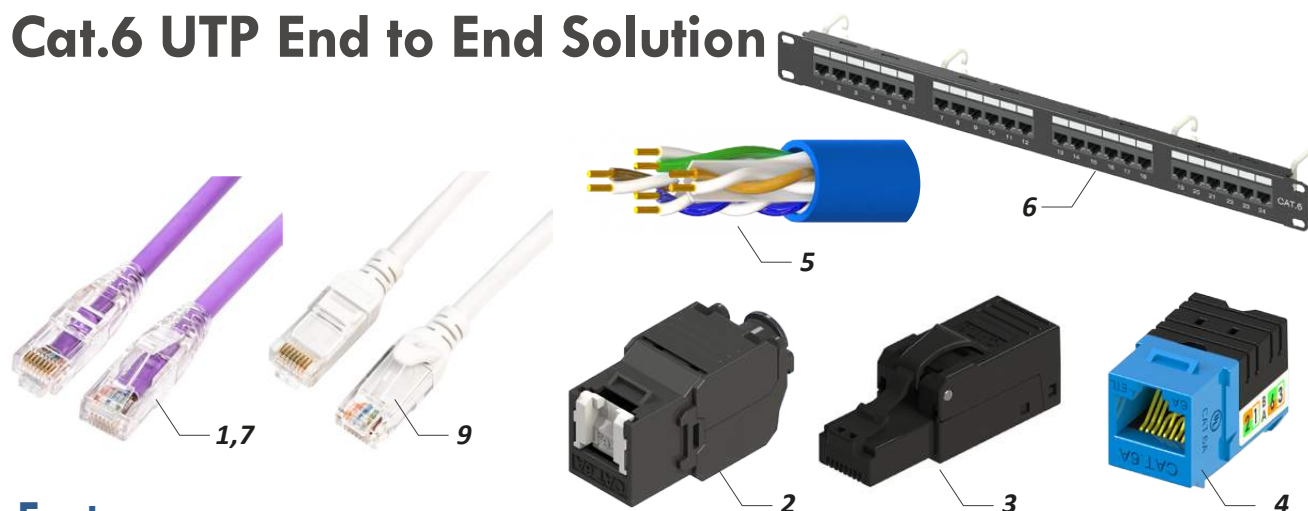
Electrical Characteristics (ANSI/TIA-568.2-D)

DC loop resistance	Max. 25Ω/100m at 20°C, 40°C & 60°C
DC resistance unbalance pair-pair	Max. 3%
PoE	60 Vdc, 4PPoE 100 W, IEEE802.3bt type 4
Propagation delay	Max. 546ns/100m at 500MHz
Delay skew	Max. 50ns/100m, from 1 to 500MHz

Transmission Performance (ANSI/TIA-568.2-D)

Frequency	Return loss	Insertion loss	NEXT	PSNEXT	ACRF	PSACRF	TCL	PSANEXT	PSAACRF
MHz	Min. dB	Max. dB	Min. dB	Min. dB	Min. dB	Min. dB	Min. dB	Min. dB	Min. dB
1	19.0	2.3	65.0	62.0	63.3	60.3	40.0	67.0	67.0
4	19.0	4.2	63.0	60.5	51.2	48.2	40.0	67.0	65.0
100	12.0	20.9	39.9	37.1	23.3	20.3	20.0	60.0	37.0
250	8.0	33.9	33.1	30.2	15.3	12.3	14.0	54.0	29.0
500	6.0	49.3	26.1	23.2	9.3	6.3	9.5	49.5	23.0

Cat.6 UTP End to End Solution



Features

- Compliant with ISO/IEC11801-1 class E and ANSI/TIA 568.2-D Cat.6 4-conductor channel
- Complied with the IEEE802.3bt type4 PoE++ (4PPoE) 100 W applications

Cat.6 UTP Channel Configuration



ID	Part Number	Descriptions	Page
1	ACXBB 02080 2XXXX	Cat.6 UTP 24 AWG Component-Rated patch cord, w/o Cross-Filler, assembly boot	P.110
2	AADBH 01114 040XX	KJ88F-C6-US/XX-D 180° Cat.6 UTP Connecting-Hardware keystone jack, Tool-Free, Dust-Cap	P.030
	AAHOA 01060 10105	JE300-V6/WH Faceplate	P.143
3	AAJBF 01071 40001	FPP-C6-US/BK Cat.6 UTP field termination plug (Assembly with 5m Cat.6 UTP 23 AWG solid wires)	P.086
4	AADCE 01114 011XX	KJ38-C6-US/XX 90° Cat.6 UTP Connecting-Hardware keystone jack, Punch-Down	P.038
	AIDBA 24121 10101	PPKJ24/BK UTP keystone panel, 1U-24port	P.127
5	ABXOA 0201 7035XX	Cat.6 U/UTP 23 AWG solid wires cable	P.120
6	AAAGD 24041 40101	NPN24T-C6C/BK 180° Cat.6 UTP Permanent-Link patch panel, 1U-24port	P.066
7	ACXBM XX079 2XXXX	Cat.6 UTP 28 AWG slim patch cord, assembly boot	P.110
8	AACBD 12061 40101	NPMV12T-C6C/BK 180° Cat.6 UTP Permanent-Link patch panel, Mini type with 89D bracket, 12-port	P.068
9	ACXBB XX214 2XXXX	Cat.6 UTP 24 AWG channel patch cord, w/o Cross-Filler, molded boot	P.106

Electrical Characteristics (ANSI/TIA-568.2-D)

DC loop resistance	Max. 25Ω/100m at 20°C, 40°C & 60°C
DC resistance unbalance pair-pair	Max. 3%
PoE	60 Vdc, 4PPoE 100 W, IEEE802.3bt type 4
Propagation delay	Max. 546ns/100m at 250MHz
Delay skew	Max. 50ns/100m, from 1 to 250MHz

Transmission Performance (ANSI/TIA-568.2-D)

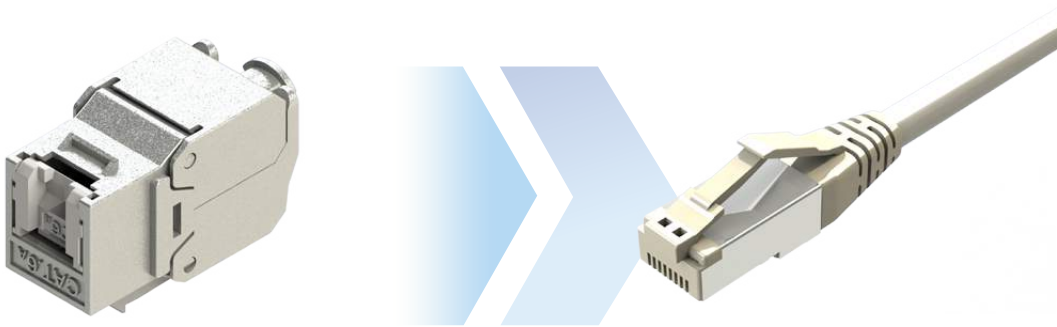
Frequency	Return loss	Insertion loss	NEXT	PSNEXT	ACRF	PSACRF	TCL	PSANEXT	PSAACRF
MHz	Min. dB	Max. dB	Min. dB	Min. dB	Min. dB	Min. dB	Min. dB	Min. dB	Min. dB
1	19.0	2.1	65.0	62.0	63.3	60.3	40.0	-	-
4	19.0	4.0	63.0	60.5	51.2	48.2	40.0	-	-
100	12.0	21.3	39.9	37.1	23.3	20.3	20.0	-	-
250	8.0	35.9	33.1	30.2	15.3	12.3	14.0	-	-
500	-	-	-	-	-	-	-	-	-

Antimicrobial Solutions

Features

- JE provides a complete system of structured cabling for Antimicrobial solutions, products line is including the Patch Cord, Face Plate, Surface Mount Box, Keystone Jack and PCB Module
- SGS tested and Biomaster verified the antimicrobial material under the ISO 22196 Antimicrobial standard
- The Cat.6, Cat.6A and Cat.8 transmission performance is compliant with the ANSI/TIA-568.2-D, EN50173-1 and ISO/IEC 11801-1 requirement
- Plastic housing and jacket material in Ivory color for antimicrobial products identification

Antimicrobial STP Keystone Jack and Patch Cord



Antimicrobial UTP Keystone Jack and Patch Cord



Antimicrobial Face Plate and Surface Mount Box



ISO 22196:2011 Antimicrobial Test Certificate

This is to certify that

AU-BIO treated with BIOMASTER

supplied by

JYH ENG TECHNOLOGY CO.,Ltd.

has been tested to ISO 22196:2011 standards and shown to reduce

Staphylococcus aureus by $\geq 99.9\%$

Escherichia coli by $\geq 99.9\%$

Date of test: 29th September to 16th October 2020
 Test laboratory: SGS-CSTC Standards Technical Services Co Ltd,
 Guangzhou Branch

Certificate Number: GZF20-021038-08



Dr Sue Bethel
 Technical Manager



Permanent antimicrobial protection for your products



Test Report

GZF20-018540-08

Date: 01 Apr 2021

Sample Description :

Specimen No.	SGS Sample ID	Description
1	GZF20-018540.004	Block sample

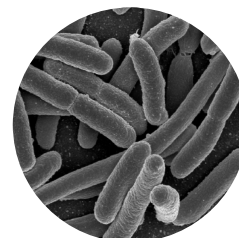
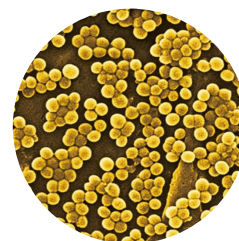
Test Result(s) :

Test Requested : Test of antimicrobial activity

Test Method : ISO 22196:2011 Measurement of antibacterial activity on plastics and other non-porous surfaces

GZF20-018540.004

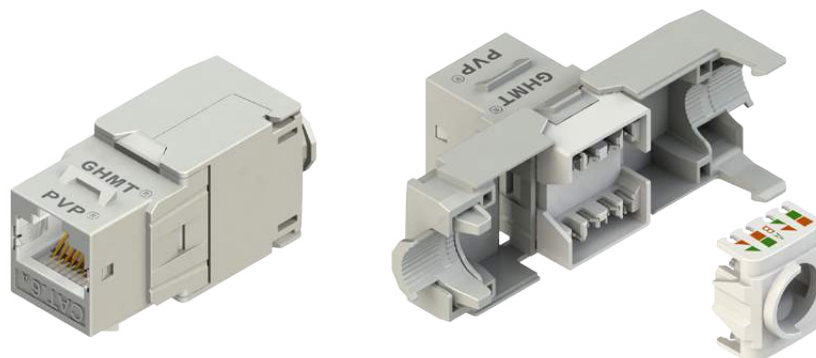
Test organism(s)	Escherichia coli ATCC 8739	Staphylococcus aureus ATCC 6538P
Concentration of bacteria (cells/ml)	6.7×10^5	6.0×10^5
Volume of test inoculum (mL)	0.2	0.2
U_0	3.93	3.85
U_t	4.08	5.74
A_t	-0.20	-0.20
B (cells/cm ²)	9.5×10^4	5.5×10^5
C (cells/cm ²)	0.63	0.63
R	5.2	5.9
*The antibacterial activity rate (%)	>99.9	>99.9



180° Cat.6_A STP Keystone Jack, Tool-Free, GHMT PVP



★PATENTED★



Features

- High-Density design for 1U-48port keystone panel, extreme performance design for Hyper-Scale and Edge Data Center
- GHMT PVP (PREMIUM Verification Program) verified ISO/IEC 11801-1 and IEC 60603-7-51 Cat.6A Connecting-Hardware including the 4PPoE performance
- 100% Cat.6A performance tested in factory
- Perfect EMC performance by the full shielded of zinc Die-Casting material and grounding block design
- Easy and Tool-Free in field termination, T568A & B wiring
- Power over HDBaseT™ (PoH) applications up to 100 W
- UL 1863 verified

Standards Compliance

- ANSI/TIA-568.2-D
- ISO/IEC 11801-1
- IEC 60603-7-51
- IEC 60603-7-1
- IEC 60512-99-002
- EN 50173-1
- IEEE 802.3bt Type 4 PoE++ (4PPoE) 100 W
- ANSI/TIA-1096-A (formerly FCC Part 68)
- UL1863
- RoHS/REACH compliant

Part Number Descriptions

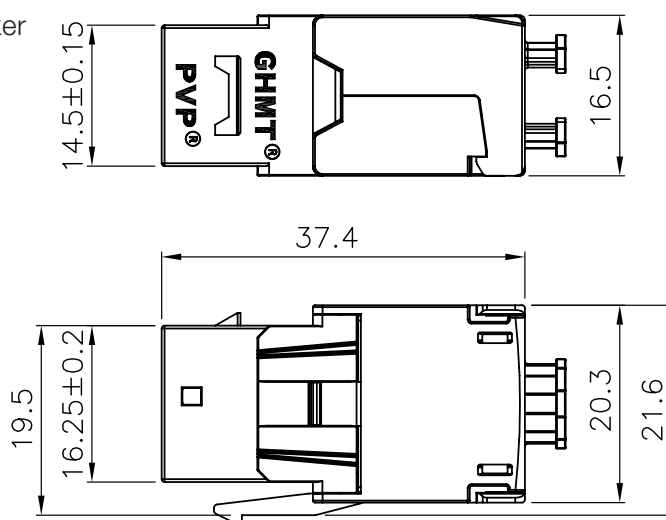
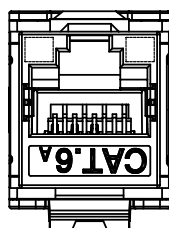
AADBG 32116 00015 KJ58F-C6A-PVP 180° Cat.6A STP Keystone Jack, Tool-Free, GHMT PVP

Packing Information

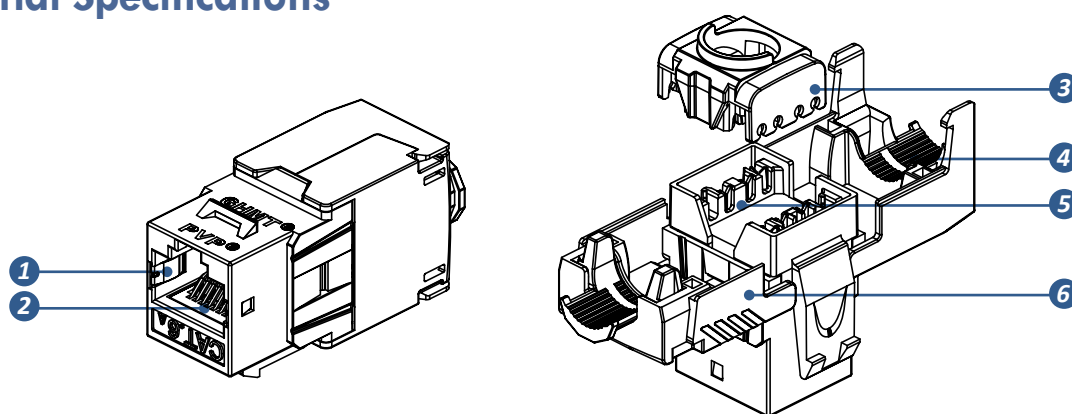
- 1 keystone jack, 1 IDC-Cap, 1 copper foil sticker & 1 Cable-Tie per bag
- 50 bags and 1 Installation-Instruction per box
- 10 boxes per carton (500 pcs/carton)
- Net weight 15.7 kgs per carton
- Gross weight 16.7 kgs per carton
- Carton size L48.0 x W39.0 x H25.3cm, 1.67 CUFT, 0.047CBM

Dimensions (mm)

Tolerance: ± 0.3 mm



Material Specifications



Parts	Specifications
1. Grounding contacts	Stainless steel
2. RJ45 jack	
2-1. Housing	Zinc Die-Casting with nickel plating
2-2. Contacts bracket	Polycarbonate, UL94V-2, transparent color
2-3. Contacts material	Phosphor bronze with nickel plating
2-4. Contacts gold plating	50 micro-inch gold plating on surface of plug contact area
3. Wire management cap (IDC-Cap)	Polycarbonate, UL94V-2, white color
4. Grounding block	Zinc Die-Casting with nickel plating
5. IDCs	
5-1. Housing	Polycarbonate, UL94V-2, white color
5-2. Terminals	Phosphor bronze with tin plating
6. Caps	Zinc Die-Casting with nickel plating
7. PCB	FR4, UL94V-0

Mechanical Characteristics

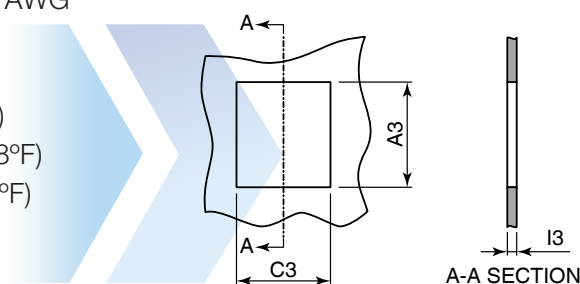
- Life (Mating cycles) ≥ 750 cycles
- Mating/Un-mating force ≤ 30 N
- Retention strength 7.7 kg between jack and plug

Installation Information

- Wire conductor range Solid and stranded, 23-26 AWG
- Cable O.D. range 5.0 mm to 8.5 mm
- IDC re-installing cycles ≥ 20 cycles
- Installing temperature 0°C to 50°C (32°F to 122°F)
- Storage temperature -40°C to 70°C (-40°F to 158°F)
- Operating temperature -10°C to 60°C (14°F to 140°F)
- Humidity 10% to 90% RH

Mounting Dimensions

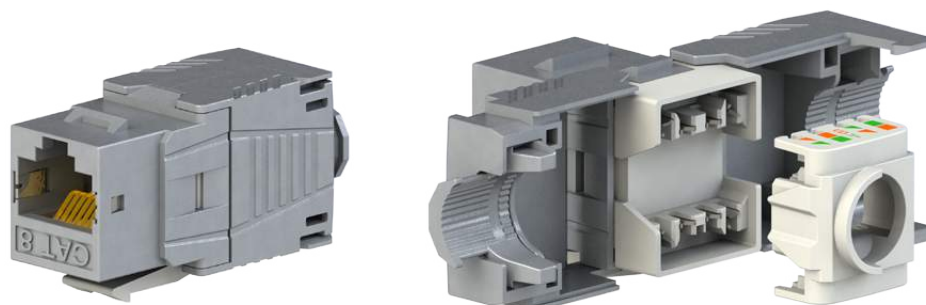
Letter	Max. mm	Min. mm
A3	19.61	19.30
C3	15.04	14.78
I3	1.54	1.22



Electrical Characteristics

Contact resistance	≤ 20 m Ω , from initial
Insulation resistance	≥ 500 M Ω at 100 Vdc, for 60 s
Voltage proof	Contact to contact 1000 Vdc, contact to shield 1500 Vdc, for 60 s
Current carrying capacity	1.0 A at 60°C (140°F)
UL voltage rating	150 V
PoE	60 Vdc, IEEE 802.3bt Type 4 PoE++ (4PPoE) 100 W

180° STP Keystone Jack, Tool-Free, GHMT and FORCE Technology Verified



Features

- High-Density design for 1U-48port keystone panel, extreme performance design for Hyper-Scale and Edge Data Center
- GHMT verified ISO/IEC 11801-1 C6A Connecting-Hardware and ISO/IEC 11801-1 Class I 2000MHz for Cat.8 version
- FORCE Technology Verified ISO/IEC 11801-1 and IEC 60603-7-51 Cat.6A Connecting-Hardware
- The 4PPoE performance tested by GHMT for Cat.6A version
- Easy and Tool-Free in field termination, T568A & B wiring
- Power over HDBaseT™ (PoH) applications up to 100 W
- UL 1863 verified

Standards Compliance

- ANSI/TIA-568.2-D
- ISO/IEC 11801-1
- IEC 60603-7-51
- IEC 60603-7-1
- IEC 60512-99-002
- EEN 50173-1
- IEEE 802.3bt Type 4 PoE++ (4PPoE) 100 W
- ANSI/TIA-1096-A (formerly FCC Part 68)
- UL1863
- RoHS/REACH compliant

Part Number

Descriptions

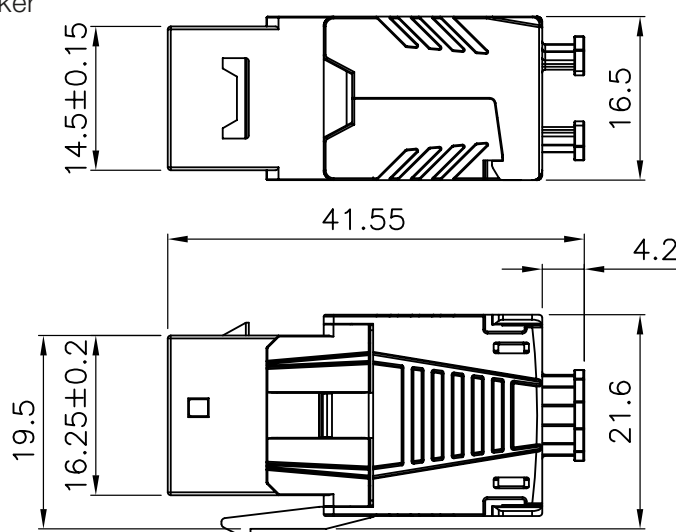
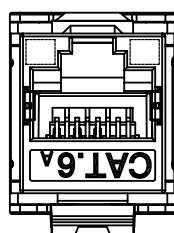
AADBG 52116 00015	KJ58F-6A-FS	180° Cat.6A STP Keystone Jack, Tool-Free, 23-26 AWG
AADBG 02117 00015	KJ58F-C8-FS	180° Cat.8 STP Keystone Jack, Tool-Free, 22-24 AWG

Packing Information

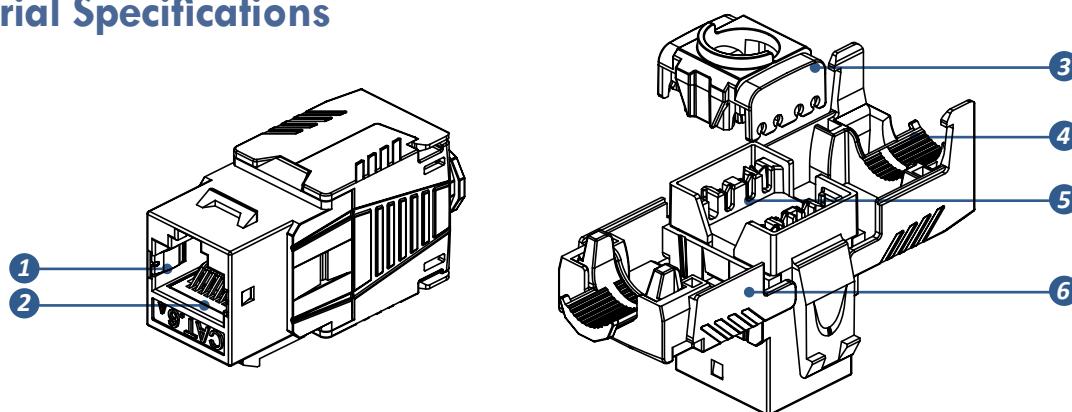
- 1 keystone jack, 1 IDC-Cap, 1 copper foil sticker & 1 Cable-Tie per bag
- 50 bags and 1 Installation-Instruction per box
- 10 boxes per carton (500 pcs/carton)
- Net weight 15.7 kgs per carton
- Gross weight 16.7 kgs per carton
- Carton size L48.0 x W39.0 x H25.3cm, 1.67 CUFT, 0.047CBM

Dimensions (mm)

Tolerance: ± 0.3 mm



Material Specifications



Parts	Specifications
1. Grounding contacts	Stainless steel
2. RJ45 jack	
2-1. Housing	Zinc Die-Casting with nickel plating
2-2. Contacts bracket	Polycarbonate, UL94V-2, transparent color
2-3. Contacts material	Phosphor bronze with nickel plating
2-4. Contacts gold plating	50 micro-inch gold plating on surface of plug contact area
3. Wire management cap (IDC-Cap)	Polycarbonate, UL94V-2, white color
4. Grounding block	Zinc Die-Casting with nickel plating
5. IDCs	
5-1. Housing	Polycarbonate, UL94V-2, white color
5-2. Terminals	Phosphor bronze with tin plating
6. Caps	Zinc Die-Casting with nickel plating
7. PCB	UL94V-0

Mechanical Characteristics

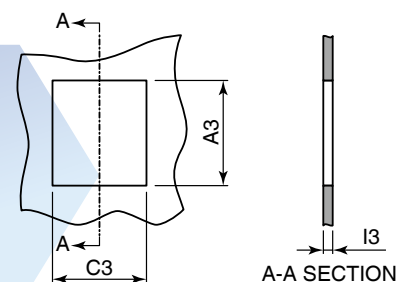
- Life (Mating cycles) ≥ 750 cycles
- Mating/Un-mating force ≤ 30 N
- Retention strength 7.7 kg between jack and plug

Mounting Dimensions

Letter	Max. mm	Min. mm
A3	19.61	19.30
C3	15.04	14.78
I3	1.54	1.22

Installation Information

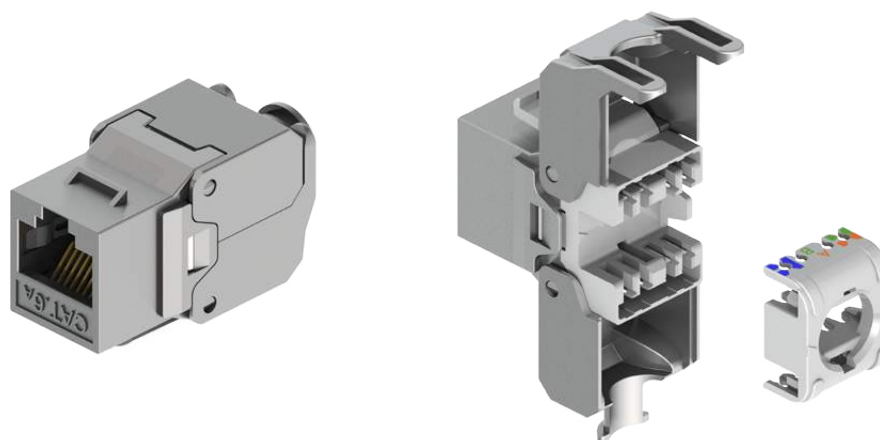
- Wire conductor range Solid and stranded, Cat.6A 23-26 AWG or Cat.8 22-24 AWG
- Cable O.D. range 5.0 mm to 8.5 mm
- IDC re-installing cycles ≥ 20 cycles
- Installing temperature 0°C to 50°C (32°F to 122°F)
- Storage temperature -40°C to 70°C (-40°F to 158°F)
- Operating temperature -10°C to 60°C (14°F to 140°F)
- Humidity 10% to 90% RH



Electrical Characteristics

Contact resistance	≤ 20 m Ω , from initial
Insulation resistance	≥ 500 M Ω at 100 Vdc, for 60 s
Voltage proof	Contact to contact 1000 Vdc, contact to shield 1500 Vdc, for 60 s
Current carrying capacity	1.0 A at 60°C (140°F)
UL voltage rating	150 V
PoE	60 Vdc, IEEE 802.3bt Type 4 PoE++ (4PPoE) 100 W

180° STP Connecting-Hardware Keystone Jack, Tool-Free, FORCE Technology Verified



Features

- High-Density design for 1U-24port keystone panel, extreme performance for Edge Data Center
- FORCE Technology Verified ANSI/TIA-568.2-D Connecting-Hardware including the 4PPoE performance
- Quick and efficient installation by Fool-Proofing and Pre-Lock design of IDC-Cap
- Hi-Pot insulation performance improved by IDC's Housing-Wall design
- T568A & B wiring
- Power over HDBaseT™ (PoH) applications up to 100 W
- UL 1863 verified

Standards Compliance

- ANSI/TIA-568.2-D
- ISO/IEC 11801-1, Class D/E/EA
- IEC 60603-7-1
- IEC 60512-99-002
- IEEE 802.3bt Type 4 PoE++ (4PPoE) 100 W
- ANSI/TIA-1096-A (formerly FCC Part 68)
- UL1863
- RoHS/REACH compliant

Part Number Descriptions

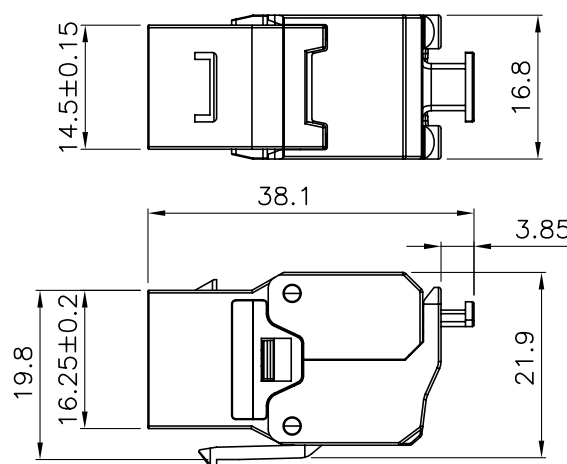
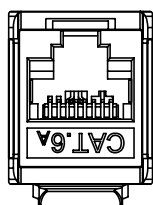
AADBJ 02114 00015	KJ66F-C6-FS	180° Cat.6 STP Connecting-Hardware Keystone Jack, Tool-Free, 23-26 AWG
AADBJ 02116 00015	KJ66F-6A-FS	180° Cat.6A STP Connecting-Hardware Keystone Jack, Tool-Free, 23-26 AWG
AADBJ 02114 00115	KJ66F-C6-FS-22	180° Cat.6 STP Connecting-Hardware Keystone Jack, Tool-Free, 22-24 AWG
AADBJ 02116 00115	KJ66F-6A-FS-22	180° Cat.6A STP Connecting-Hardware Keystone Jack, Tool-Free, 22-24 AWG

Packing Information

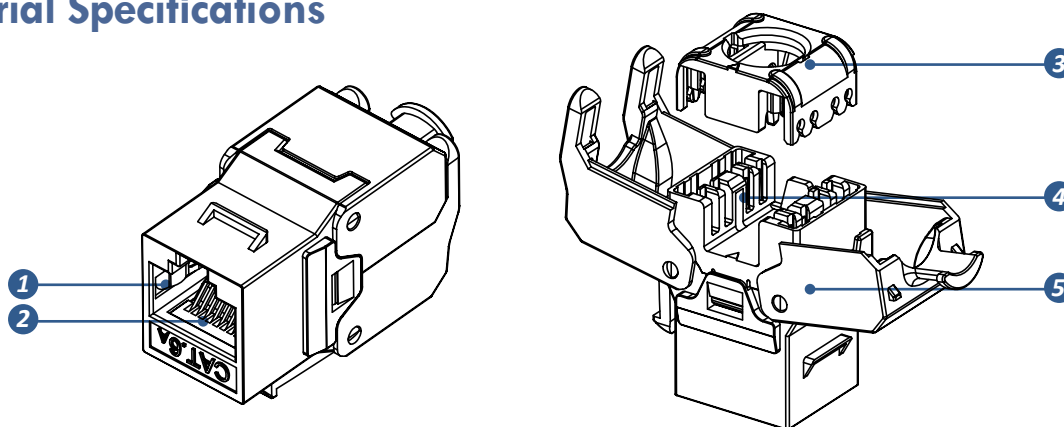
- 1 keystone jack, 1 IDC-Cap & 1 Cable-Tie per bag
- 50 bags and 1 Installation-Instruction per box
- 10 boxes per carton (500 pcs/carton)
- Net weight 11.8 kgs per carton
- Gross weight 14.5 kgs per carton
- Carton size L48.0 x W39.0 x H25.3cm, 1.67 CUFT, 0.047CBM

Dimensions (mm)

Tolerance: ± 0.3 mm



Material Specifications



Parts	Specifications
1. Grounding contacts	Stainless steel
2. RJ45 jack	
2-1. Housing	Zinc Die-Casting with nickel plating
2-2. Contacts bracket	Polycarbonate, UL94V-2, transparent color
2-3. Contacts material	Phosphor bronze with nickel plating
2-4. Contacts gold plating	50 micro-inch gold plating on surface of plug contact area
3. Wire management cap (IDC-Cap)	Polycarbonate, UL94V-2, white color for 23-26 AWG, grey color for 22-24 AWG
4. IDCs	
4-1. Housing	Polycarbonate, UL94V-2, grey color
4-2. Terminals	Phosphor bronze with tin plating
5. Caps	Zinc Die-Casting with nickel plating
6. PCB	FR4, UL94V-0

Mechanical Characteristics

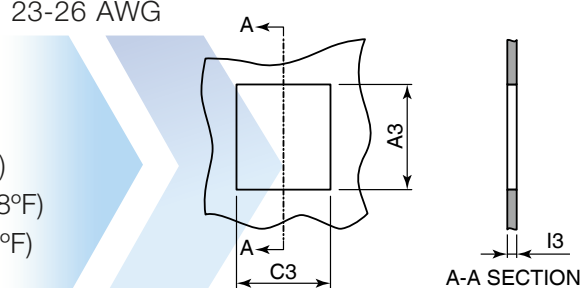
- Life (Mating cycles) ≥ 750 cycles
- Mating/Un-mating force ≤ 30 N
- Retention strength 7.7 kg between jack and plug

Installation Information

- Wire conductor range Solid and stranded, Type 1 23-26 AWG or Type 2 22-24 AWG
- Cable O.D. range 5.0 mm to 8.5 mm
- IDC re-installing cycles ≥ 20 cycles
- Installing temperature 0°C to 50°C (32°F to 122°F)
- Storage temperature -40°C to 70°C (-40°F to 158°F)
- Operating temperature -10°C to 60°C (14°F to 140°F)
- Humidity 10% to 90% RH

Mounting Dimensions

Letter	Max. mm	Min. mm
A3	19.61	19.30
C3	15.04	14.78
I3	1.54	1.22



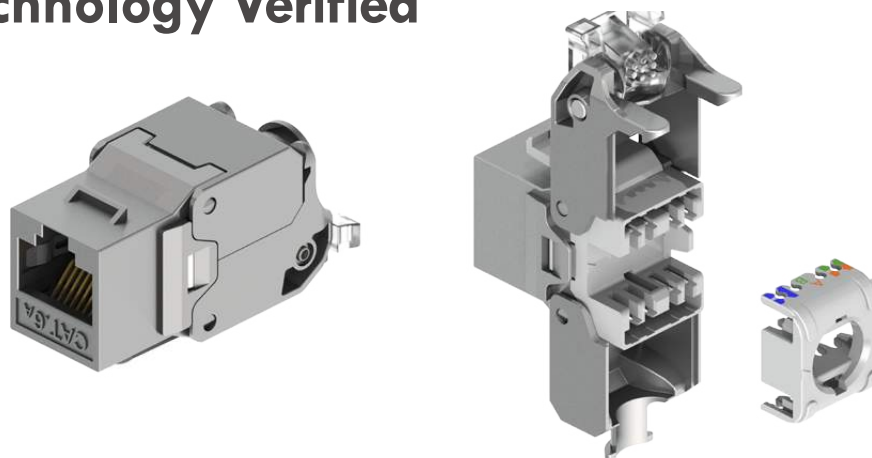
Electrical Characteristics

Contact resistance	≤ 20 m Ω , from initial
Insulation resistance	≥ 500 M Ω at 100 Vdc, for 60 s
Voltage proof	Contact to contact 1000 Vdc, contact to shield 1500 Vdc, for 60 s
Current carrying capacity	1.0 A at 60°C (140°F)
UL voltage rating	150 V
PoE	60 Vdc, IEEE 802.3bt Type 4 PoE++ (4PPoE) 100 W

180° STP Connecting-Hardware Keystone Jack, Tool-Free, Cable-Clamper Type, FORCE Technology Verified



★PATENTED★



Features

- High-Density design for 1U-24port keystone panel, extreme performance for Edge Data Center
- FORCE Technology Verified ANSI/TIA-568.2-D Connecting-Hardware including the 4PPoE performance
- Quick and efficient installation by Cable-Clamper structure, Fool-Proofing and Pre-Lock design of IDC-cap
- Hi-Pot insulation performance improved by IDC's Housing-Wall design
- 22-26 AWG stranded and solid wires range
- T568A & B wiring
- Power over HDBaseT™ (PoH) applications up to 100 W
- UL 1863 verified

Standards Compliance

- ANSI/TIA-568.2-D
- ISO/IEC 11801-1, Class D/E/EA
- IEC 60603-7-1
- IEC 60512-99-002
- IEEE 802.3bt Type 4 PoE++ (4PPoE) 100 W
- ANSI/TIA-1096-A (formerly FCC Part 68)
- UL1863
- RoHS/REACH compliant

Part Number Descriptions

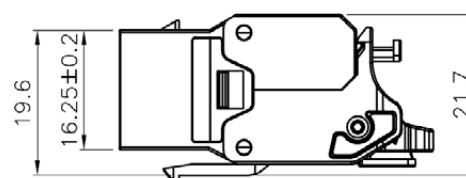
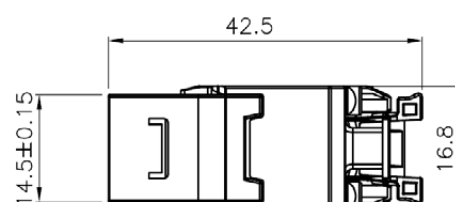
AADBK 02114 00015	KJ68F-C6-FS	180° Cat.6 STP Connecting-Hardware, Cable-Clamper Type, 23-26 AWG
AADBK 02116 00015	KJ68F-6A-FS	180° Cat.6A STP Connecting-Hardware, Cable-Clamper Type, 23-26 AWG
AADBK 02114 00115	KJ68F-C6-FS-22	180° Cat.6 STP Connecting-Hardware, Cable-Clamper Type, 22-24 AWG
AADBK 02116 00115	KJ68F-6A-FS-22	180° Cat.6A STP Connecting-Hardware, Cable-Clamper Type, 22-24 AWG

Packing Information

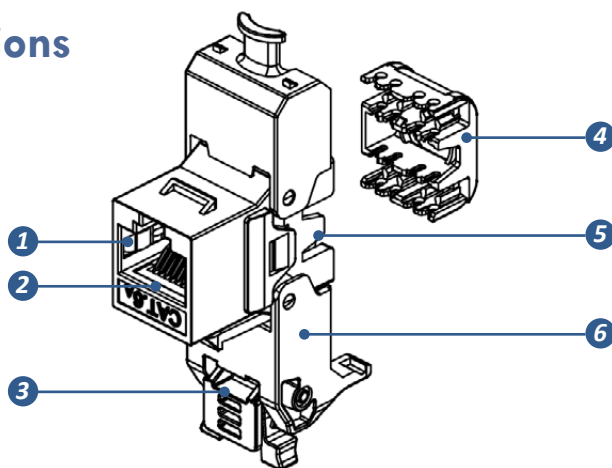
- 1 keystone jack & 1 IDC-Cap per bag
- 50 bags and 1 Installation-Instruction per box
- 10 boxes per carton (500 pcs/carton)
- Net weight 11.8 kgs per carton
- Gross weight 14.5 kgs per carton
- Carton size L48.0 x W39.0 x H25.3cm, 1.67 CUFT, 0.047CBM

Dimensions (mm)

Tolerance: ± 0.3 mm



Material Specifications



Parts	Specifications
1. Grounding contacts	Stainless steel
2. RJ45 jack	
2-1. Housing	Zinc Die-Casting with nickel plating
2-2. Contacts bracket	Polycarbonate, UL94V-2, transparent color
2-3. Contacts material	Phosphor bronze with nickel plating
2-4. Contacts gold plating	50 micro-inch gold plating on surface of plug contact area
3. Cable-Clamper	Polycarbonate, UL94V-2, transparent color
4. Wire management cap (IDC-Cap)	Polycarbonate, UL94V-2, white color for 23-26 AWG, grey color for 22-24WG
5. IDCs	
5-1. Housing	Polycarbonate, UL94V-2, grey color
5-2. Terminals	Phosphor bronze with tin plating
6. Caps	Zinc Die-Casting with nickel plating
7. PCB	FR4, UL94V-0

Mechanical Characteristics

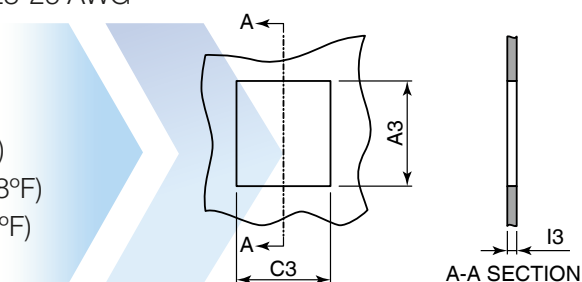
- Life (Mating cycles) ≥ 750 cycles
- Mating/Un-mating force ≤ 30 N
- Retention strength 7.7 kg between jack and plug

Installation Information

- Wire conductor range Solid and stranded, Type 1 23-26 AWG or Type 2 22-24 AWG
- Cable O.D. range 5.0 mm to 8.5 mm
- IDC re-installing cycles ≥ 20 cycles
- Installing temperature 0°C to 50°C (32°F to 122°F)
- Storage temperature -40°C to 70°C (-40°F to 158°F)
- Operating temperature -10°C to 60°C (14°F to 140°F)
- Humidity 10% to 90% RH

Mounting Dimensions

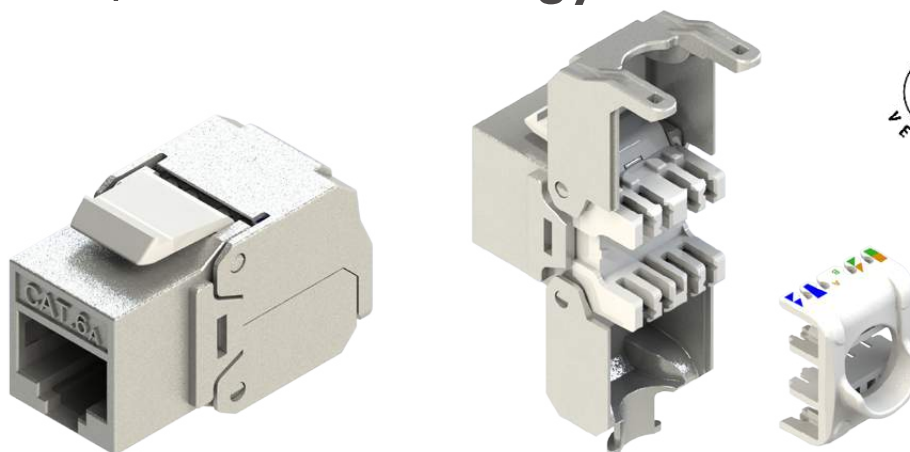
Letter	Max. mm	Min. mm
A3	19.61	19.30
C3	15.04	14.78
I3	1.54	1.22



Electrical Characteristics

Contact resistance	≤ 20 m Ω , from initial
Insulation resistance	≥ 500 M Ω at 100 Vdc, for 60 s
Voltage proof	Contact to contact 1000 Vdc, contact to shield 1500 Vdc, for 60 s
Current carrying capacity	1.0 A at 60°C (140°F)
UL voltage rating	150 V
PoE	60 Vdc, IEEE 802.3bt Type 4 PoE++ (4PPoE) 100 W

180° STP Connecting-Hardware Keystone Jack, Tool-Free, FORCE Technology Verified



Features

- High-Density design for 1U-24port keystone panel, extreme performance design for Hyper-Scale and Edge Data Center
- FORCE Technology Verified ANSI/TIA-568.2-D Connecting-Hardware including the 4PPoE performance
- Easy and Tool-Free in field termination, T568A & B wiring
- Power over HDBaseT™ (PoH) applications up to 100 W
- UL 1863 verified

Standards Compliance

- ANSI/TIA-568.2-D
- ISO/IEC 11801-1, Class D/E/EA
- IEC 60603-7-1
- IEC 60512-99-002
- IEEE 802.3bt Type 4 PoE++ (4PPoE) 100 W
- ANSI/TIA-1096-A (formerly FCC Part 68)
- UL1863
- RoHS/REACH compliant

Part Number

Descriptions

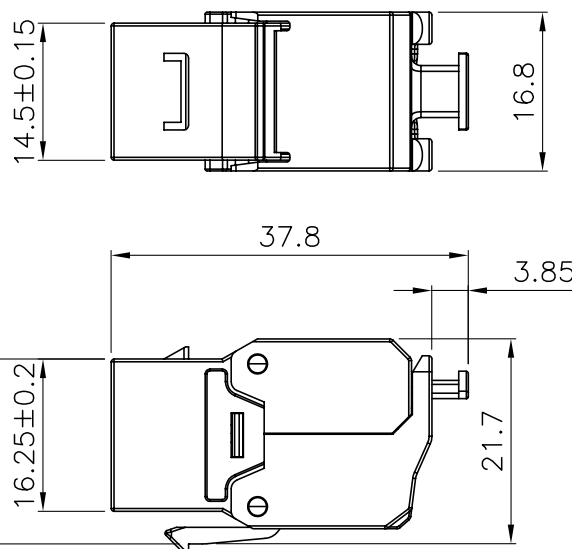
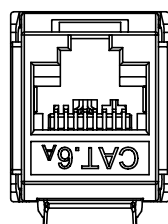
AADBH 02113 00015	KJ88F-CE-FS	180° Cat.5E STP Connecting-Hardware Keystone Jack, Tool-Free
AADBH 02114 00015	KJ88F-C6-FS	180° Cat.6 STP Connecting-Hardware Keystone Jack, Tool-Free
AADBH 02116 00015	KJ88F-6A-FS	180° Cat.6A STP Connecting-Hardware Keystone Jack, Tool-Free

Packing Information

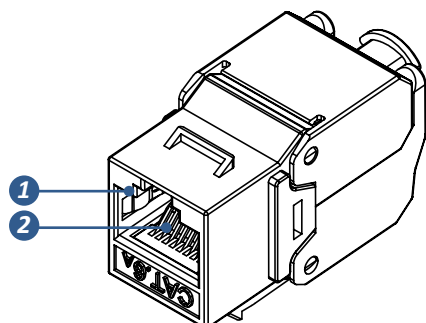
- 1 keystone jack, 1 IDC-Cap & 1 Cable-Tie per bag
- 50 bags and 1 Installation-Instruction per box
- 10 boxes per carton (500 pcs/carton)
- Net weight 11.8 kgs per carton
- Gross weight 14.5 kgs per carton
- Carton size L48.0 x W39.0 x H25.3cm, 1.67 CUFT, 0.047CBM

Dimensions (mm)

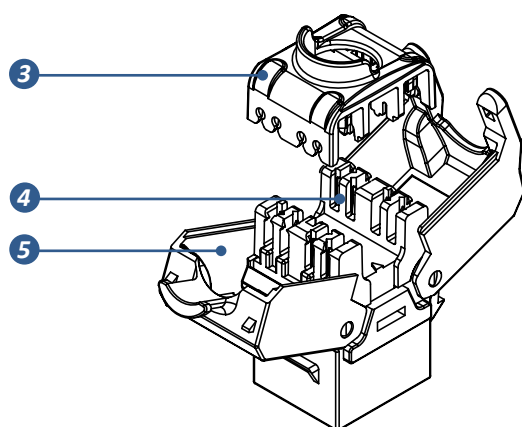
Tolerance: ± 0.3 mm



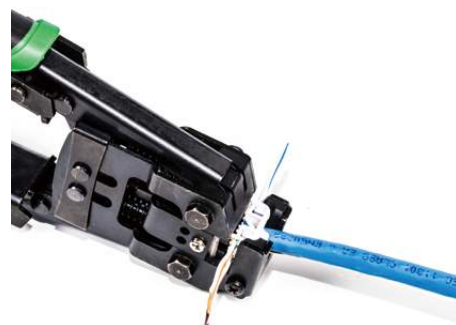
Material Specifications



Parts	Specifications
1. Grounding contacts	Stainless steel
2. RJ45 jack	
2-1. Housing	Zinc Die-Casting with nickel plating
2-2. Contacts bracket	Polycarbonate, UL94V-2, transparent color
2-3. Contacts material	Phosphor bronze with nickel plating
2-4. Contacts gold plating	50 micro-inch gold plating on surface of plug contact area
3. Wire management cap (IDC-Cap)	Polycarbonate, UL94V-2, white color
4. IDCs	
4-1. Housing	Polycarbonate, UL94V-2, grey color
4-2. Terminals	Phosphor bronze with tin plating
5. Caps	Zinc Die-Casting with nickel plating
6. PCB	FR4, UL94V-0



JE Termination Tool



Mechanical Characteristics

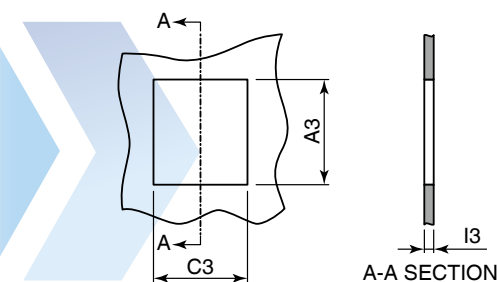
- Life (Mating cycles) ≥ 750 cycles
- Mating/Un-mating force ≤ 30 N
- Retention strength 7.7 kg between jack and plug

Installation Information

- Wire conductor range Solid and stranded, 23-26 AWG
- Cable O.D. range 5.0 mm to 8.5 mm
- IDC re-installing cycles ≥ 20 cycles
- Installing temperature 0°C to 50°C (32°F to 122°F)
- Storage temperature -40°C to 70°C (-40°F to 158°F)
- Operating temperature -10°C to 60°C (14°F to 140°F)
- Humidity 10% to 90% RH

Mounting Dimensions

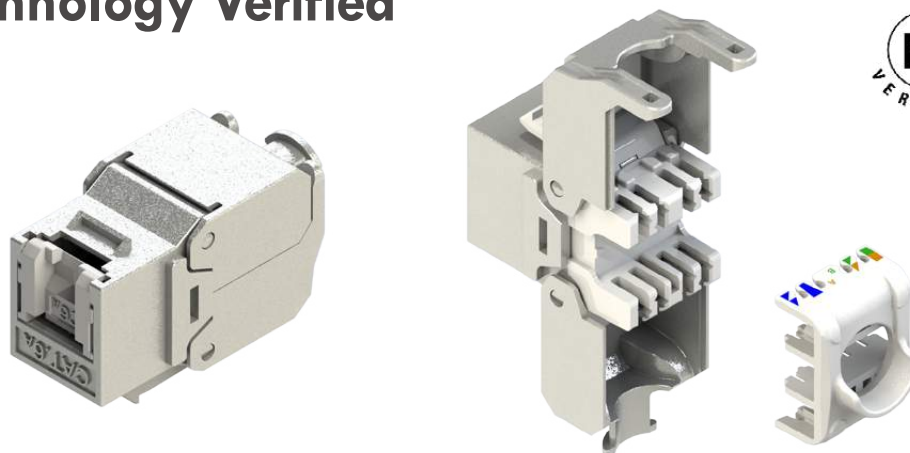
Letter	Max. mm	Min. mm
A3	19.61	19.30
C3	15.04	14.78
I3	1.54	1.22



Electrical Characteristics

Contact resistance	≤ 20 m Ω , from initial
Insulation resistance	≥ 500 M Ω at 100 Vdc, for 60 s
Voltage proof	Contact to contact 1000 Vdc, contact to shield 1500 Vdc, for 60 s
Current carrying capacity	1.0 A at 60°C (140°F)
UL voltage rating	150 V
PoE	60 Vdc, IEEE 802.3bt Type 4 PoE++ (4PPoE) 100 W

180° STP Connecting-Hardware Keystone Jack, Tool-Free, Dust-Cap Type, FORCE Technology Verified



Features

- High-Density design for 1U-24port keystone panel, extreme performance design for Hyper-Scale and Edge Data Center
- FORCE Technology Verified ANSI/TIA-568.2-D Connecting-Hardware including the 4PPoE performance
- Easy and Tool-Free in field termination, T568A & B wiring
- Power over HDBaseT™ (PoH) applications up to 100 W
- UL 1863 verified
- IP20 by Dust-Cap design

Standards Compliance

- ANSI/TIA-568.2-D
- ISO/IEC 11801-1, Class D/E/EA
- IEC 60603-7-1
- IEC 60512-99-002
- IEEE 802.3bt Type 4 PoE++ (4PPoE) 100 W
- ANSI/TIA-1096-A (formerly FCC Part 68)
- UL1863
- RoHS/REACH compliant

Part Number Descriptions

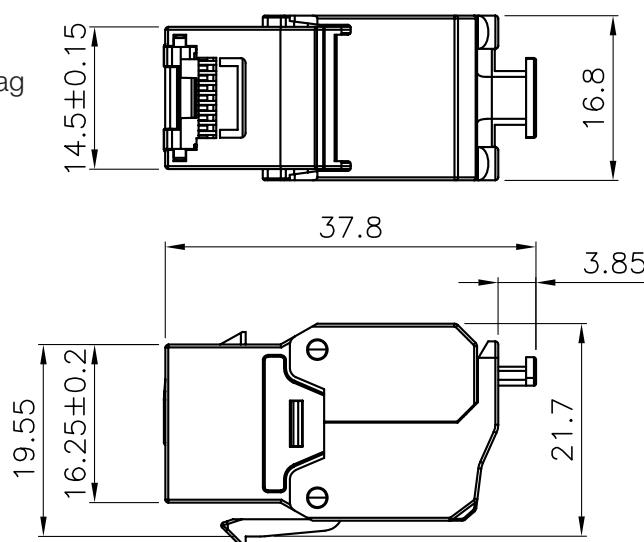
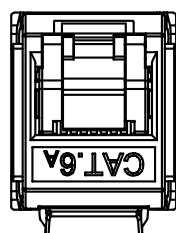
AADBH 02113 04015	KJ88F-CE-FS-D	180° Cat.5E STP Connecting-Hardware Keystone Jack, Tool-Free, Dust-Cap
AADBH 02114 04015	KJ88F-C6-FS-D	180° Cat.6 STP Connecting-Hardware Keystone Jack, Tool-Free, Dust-Cap
AADBH 02116 04015	KJ88F-6A-FS-D	180° Cat.6A STP Connecting-Hardware Keystone Jack, Tool-Free, Dust-Cap

Packing Information

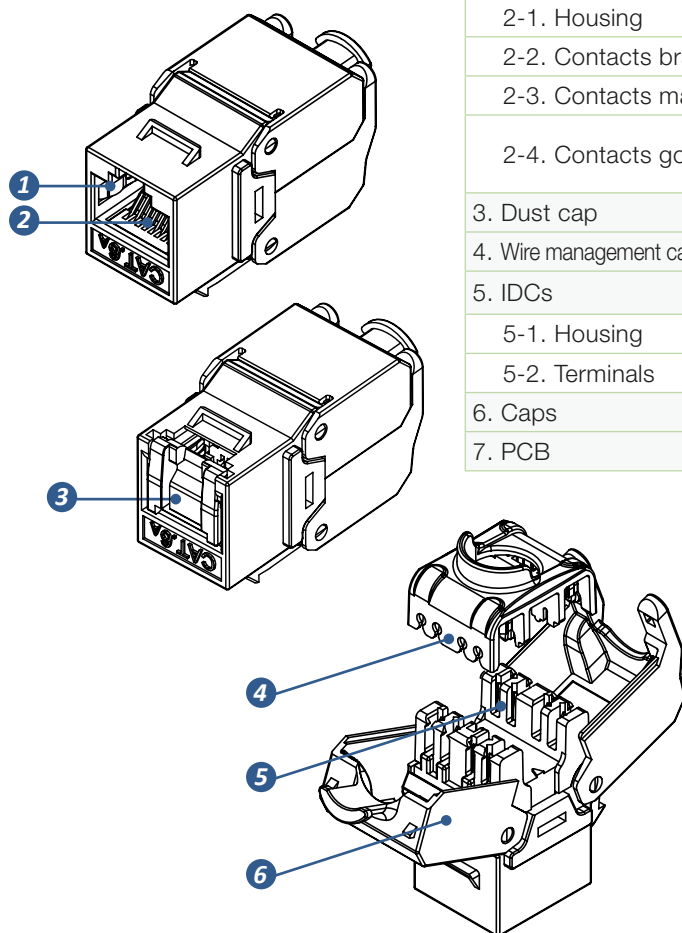
- 1 keystone jack, 1 IDC-Cap & 1 Cable-Tie per bag
- 50 bags and 1 Installation-Instruction per box
- 10 boxes per carton (500 pcs/carton)
- Net weight 11.8 kgs per carton
- Gross weight 14.5 kgs per carton
- Carton size L48.0 x W39.0 x H25.3cm, 1.67 CUFT, 0.047CBM

Dimensions (mm)

Tolerance: ± 0.3 mm

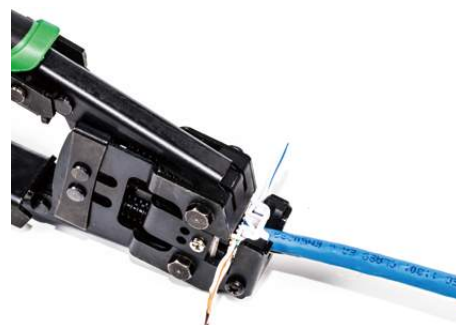


Material Specifications



Parts	Specifications
1. Grounding contacts	Stainless steel
2. RJ45 jack	
2-1. Housing	Zinc Die-Casting with nickel plating
2-2. Contacts bracket	Polycarbonate, UL94V-2, transparent color
2-3. Contacts material	Phosphor bronze with nickel plating
2-4. Contacts gold plating	50 micro-inch gold plating on surface of plug contact area
3. Dust cap	ABS/PC, UL94V-0, white color
4. Wire management cap (IDC-Cap)	Polycarbonate, UL94V-2, white color
5. IDCs	
5-1. Housing	Polycarbonate, UL94V-2, grey color
5-2. Terminals	Phosphor bronze with tin plating
6. Caps	Zinc Die-Casting with nickel plating
7. PCB	FR4, UL94V-0

JE Termination Tool



Mechanical Characteristics

- Life (Mating cycles) ≥ 750 cycles
- Mating/Un-mating force ≤ 30 N
- Retention strength 7.7 kg between jack and plug

Installation Information

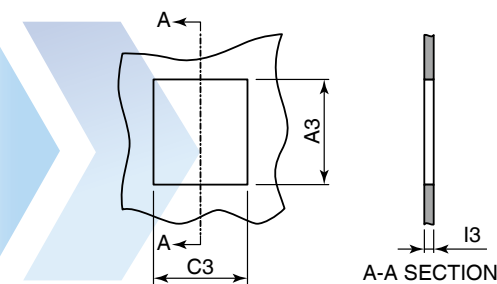
- Wire conductor range Solid and stranded, 23-26 AWG
- Cable O.D. range 5.0 mm to 8.5 mm
- IDC re-installing cycles ≥ 20 cycles
- Installing temperature 0°C to 50°C (32°F to 122°F)
- Storage temperature -40°C to 70°C (-40°F to 158°F)
- Operating temperature -10°C to 60°C (14°F to 140°F)
- Humidity 10% to 90% RH

Electrical Characteristics

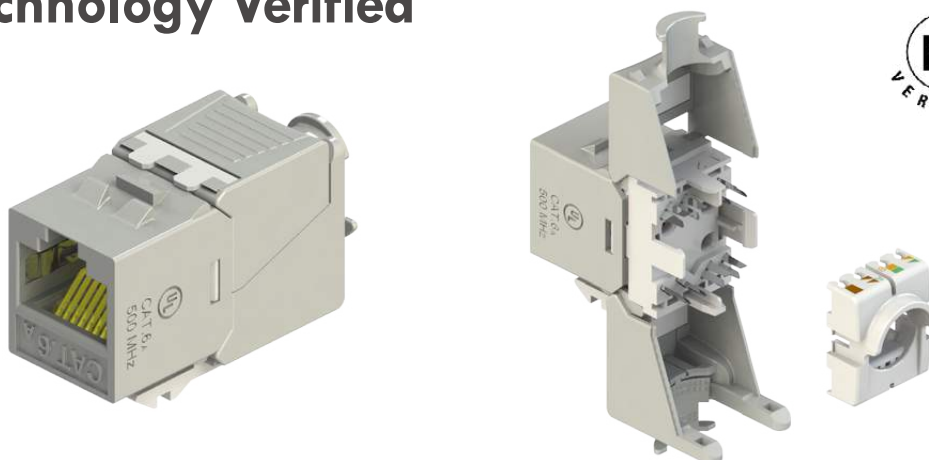
Contact resistance	≤ 20 m Ω , from initial
Insulation resistance	≥ 500 M Ω at 100 Vdc, for 60 s
Voltage proof	Contact to contact 1000 Vdc, contact to shield 1500 Vdc, for 60 s
Current carrying capacity	1.0 A at 60°C (140°F)
UL voltage rating	150 V
PoE	60 Vdc, IEEE 802.3bt Type 4 PoE++ (4PPoE) 100 W

Mounting Dimensions

Letter	Max. mm	Min. mm
A3	19.61	19.30
C3	15.04	14.78
I3	1.54	1.22



180° STP Connecting-Hardware Keystone Jack, Tool-Free, Slim Size, FORCE Technology Verified



Features

- High-Density design for 1U-48port keystone panel, extreme performance design for Hyper-Scale and Edge Data Center
- FORCE Technology Verified ANSI/TIA-568.2-D Connecting-Hardware including the 4PPoE performance
- Easy and Tool-Free in field termination, T568A & B wiring
- Power over HDBaseT™ (PoH) applications up to 100 W
- UL 1863 verified

Standards Compliance

- ANSI/TIA-568.2-D
- ISO/IEC 11801-1, Class D/E/EA
- IEC 60603-7-1
- IEC 60512-99-002
- IEEE 802.3bt Type 4 PoE++ (4PPoE) 100 W
- ANSI/TIA-1096-A (formerly FCC Part 68)
- UL1863
- RoHS/REACH compliant

Part Number Descriptions

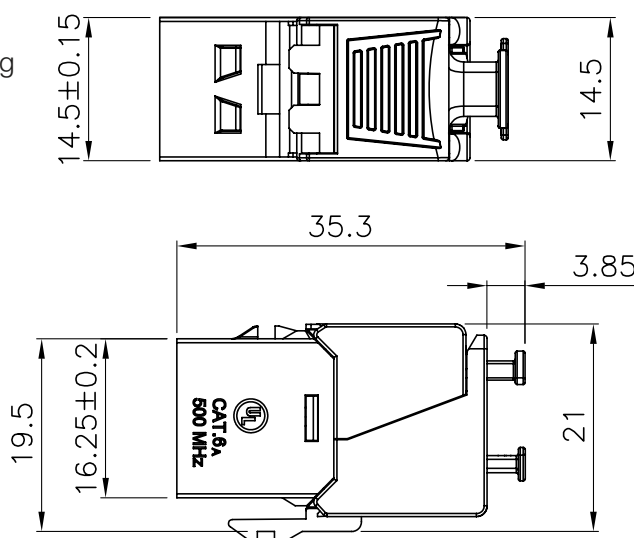
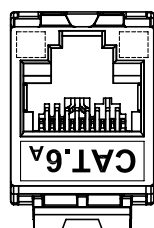
AADBE 02113 03015	KJ36F-CE-FS	180° Cat.5E STP Connecting-Hardware Keystone Jack, Tool-Free, Slim Size
AADBE 02114 03015	KJ36F-C6-FS	180° Cat.6 STP Connecting-Hardware Keystone Jack, Tool-Free, Slim Size
AADBE 02116 03015	KJ36F-6A-FS	180° Cat.6A STP Connecting-Hardware Keystone Jack, Tool-Free, Slim Size

Packing Information

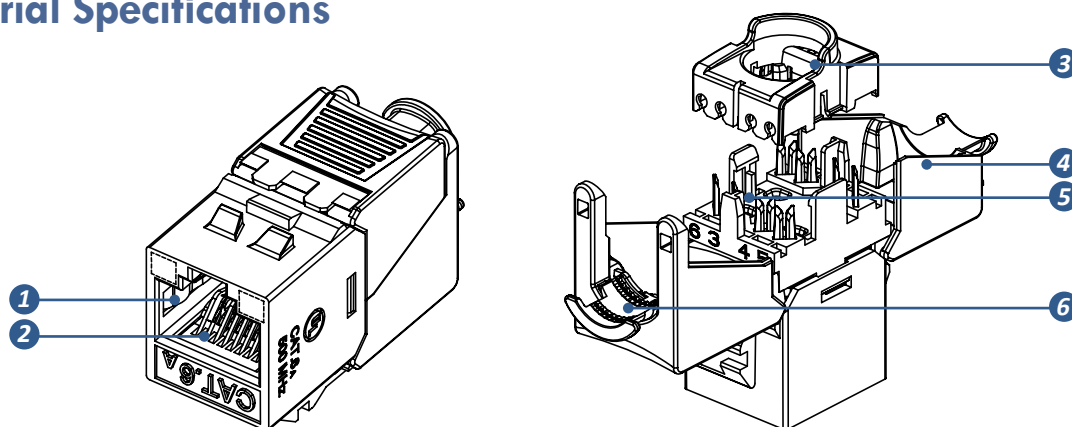
- 1 keystone jack, 1 IDC-Cap & 1 Cable-Tie per bag
- 50 bags and 1 Installation-Instruction per box
- 10 boxes per carton (500 pcs/carton)
- Net weight 10.6 kgs per carton
- Gross weight 13.3 kgs per carton
- Carton size L48.0 x W39.0 x H25.3cm, 1.67 CUFT, 0.047CBM

Dimensions (mm)

Tolerance: ± 0.3 mm



Material Specifications



Parts	Specifications
1. Grounding contacts	Stainless steel
2. RJ45 jack	
2-1. Housing	Zinc Die-Casting with nickel plating
2-2. Contacts bracket	Polycarbonate, UL94V-2, transparent color
2-3. Contacts material	Phosphor bronze with nickel plating
2-4. Contacts gold plating	50 micro-inch gold plating on surface of plug contact area
3. Wire management cap (IDC-Cap)	Polycarbonate, UL94V-2, white color
4. Caps	Zinc Die-Casting with nickel plating
5. IDCs	
5-1. Housing	Polycarbonate, UL94V-2, white color
5-2. Terminals	Phosphor bronze with tin plating
6. Grounding block	Zinc Die-Casting with nickel plating
7. PCB	FR4, UL94V-0

Mechanical Specifications

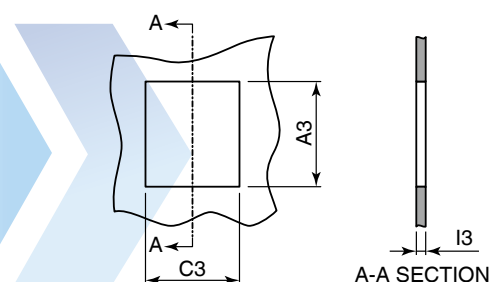
- Life (Mating cycles) ≥ 750 cycles
- Mating/Un-mating force ≤ 30 N
- Retention strength 7.7 kg between jack and plug

Installation Information

- Wire conductor range Solid and stranded, 23-26 AWG
- Cable O.D. range 5.0 mm to 8.5 mm
- IDC re-installing cycles ≥ 20 cycles
- Installing temperature 0°C to 50°C (32°F to 122°F)
- Storage temperature -40°C to 70°C (-40°F to 158°F)
- Operating temperature -10°C to 60°C (14°F to 140°F)
- Humidity 10% to 90% RH

Mounting Dimensions

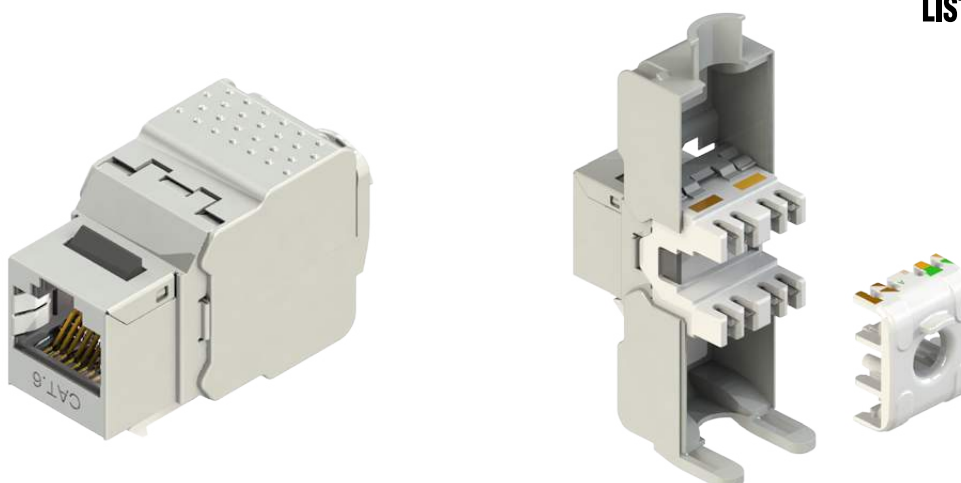
Letter	Max. mm	Min. mm
A3	19.61	19.30
C3	15.04	14.78
I3	1.54	1.22



Electrical Characteristics

Contact resistance	≤ 20 m Ω , from initial
Insulation resistance	≥ 500 M Ω at 100 Vdc, for 60 s
Voltage proof	Contact to contact 1000 Vdc, contact to shield 1500 Vdc, for 60 s
Current carrying capacity	1.0 A at 60°C (140°F)
UL voltage rating	150 V
PoE	60 Vdc, IEEE 802.3bt Type 4 PoE++ (4PPoE) 100 W

180° STP Permanent-Link Keystone Jack, Tool-Free



Features

- High-Density design for 1U-24port keystone panel
- High headroom on ANSI/TIA-568.2-D Channel and Permanent-Link including the 4PPoE performance
- Easy and Tool-Free in field termination, T568A & B wiring
- Power over HDBaseT™ (PoH) applications up to 100 W
- UL 1863 verified

Standards Compliance

- ANSI/TIA-568.2-D
- ISO/IEC 11801-1, Class D/E
- IEC 60603-7-1
- IEC 60512-99-002
- IEEE 802.3bt Type 4 PoE++ (4PPoE) 100 W
- ANSI/TIA-1096-A (formerly FCC Part 68)
- UL1863
- RoHS/REACH compliant

Part Number Descriptions

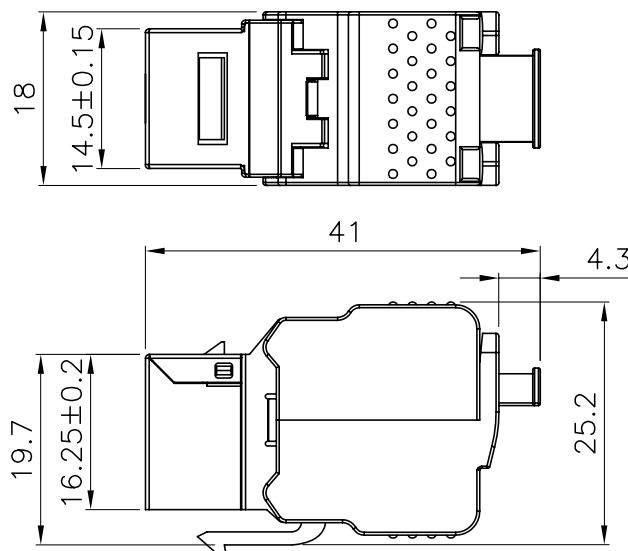
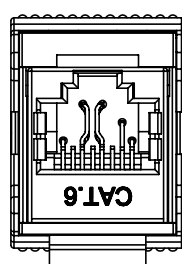
AADBB 32113 03015	KJ18F-CE-FS	180° Cat.5E STP Permanent-Link Keystone Jack, Tool-Free
AADBB 32114 03015	KJ18F-C6-FS	180° Cat.6 STP Permanent-Link Keystone Jack, Tool-Free

Packing Information

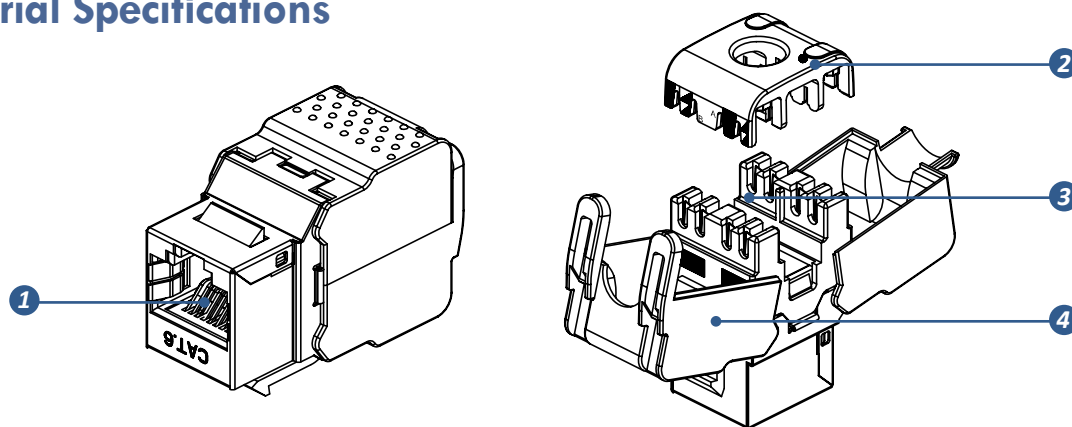
- 1 keystone jack, 1 IDC-Cap & 1 Cable-Tie per bag
- 50 bags and 1 Installation-Instruction per box
- 10 boxes per carton (500 pcs/carton)
- Net weight 11.0 kgs per carton
- Gross weight 13.7 kgs per carton
- Carton size L48.0 x W39.0 x H25.3cm, 1.67 CUFT, 0.047CBM

Dimensions (mm)

Tolerance: ± 0.3 mm



Material Specifications



Parts	Specifications
1. RJ45 jack	
1-1. Housing	ABS/PC, UL94V-0, black color
1-2. Contacts bracket	Polycarbonate, UL94V-2, transparent color
1-3. Contacts material	Phosphor bronze with nickel plating
1-4. Contacts gold plating	50 micro-inch gold plating on surface of plug contact area
1-5. Shield	Brass with nickel plating
2. Wire management cap (IDC-Cap)	Polycarbonate, UL94V-2, white color
3. IDCs	
3-1. Housing	Polycarbonate, UL94V-2, white color
3-2. Terminals	Phosphor bronze with tin plating
4. Caps	Zinc Die-Casting with nickel plating
5. PCB	FR4, UL94V-0

Mechanical Characteristics

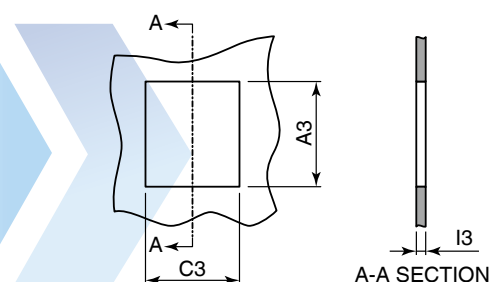
- Life (Mating cycles) ≥ 750 cycles
- Mating/Un-mating force ≤ 30 N
- Retention strength 7.7 kg between jack and plug

Installation Information

- Wire conductor range Solid and stranded, 23-26 AWG
- Cable O.D. range 5.0 mm to 8.5 mm
- IDC re-installing cycles ≥ 20 cycles
- Installing temperature 0°C to 50°C (32°F to 122°F)
- Storage temperature -40°C to 70°C (-40°F to 158°F)
- Operating temperature -10°C to 60°C (14°F to 140°F)
- Humidity 10% to 90% RH

Mounting Dimensions

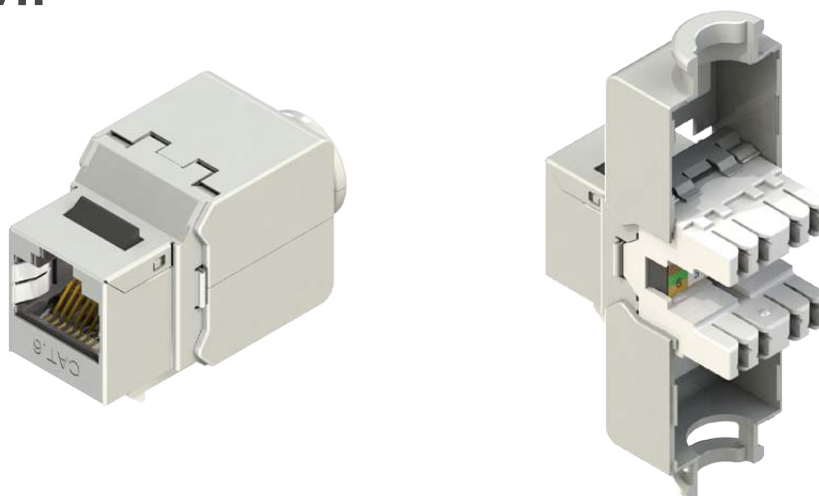
Letter	Max. mm	Min. mm
A3	19.61	19.30
C3	15.04	14.78
I3	1.54	1.22



Electrical Characteristics

Contact resistance	≤ 20 m Ω , from initial
Insulation resistance	≥ 500 M Ω at 100 Vdc, for 60 s
Voltage proof	Contact to contact 1000 Vdc, contact to shield 1500 Vdc, for 60 s
Current carrying capacity	1.0 A at 60°C (140°F)
UL voltage rating	150 V
PoE	60 Vdc, IEEE 802.3bt Type 4 PoE++ (4PPoE) 100 W

180° STP Permanent-Link Keystone Jack, Punch-Down



Features

- High-Density design for 1U-24port keystone panel
- High headroom on ANSI/TIA-568.2-D Channel and Permanent-Link including the 4PPoE performance
- T568A & B wiring
- Power over HDBaseT™ (PoH) applications up to 100 W
- UL 1863 verified

Standards Compliance

- ANSI/TIA-568.2-D
- ISO/IEC 11801-1, Class D/E
- IEC 60603-7-1
- IEC 60512-99-002
- IEEE 802.3bt Type 4 PoE++ (4PPoE) 100 W
- ANSI/TIA-1096-A (formerly FCC Part 68)
- UL1863
- RoHS/REACH compliant

Part Number Descriptions

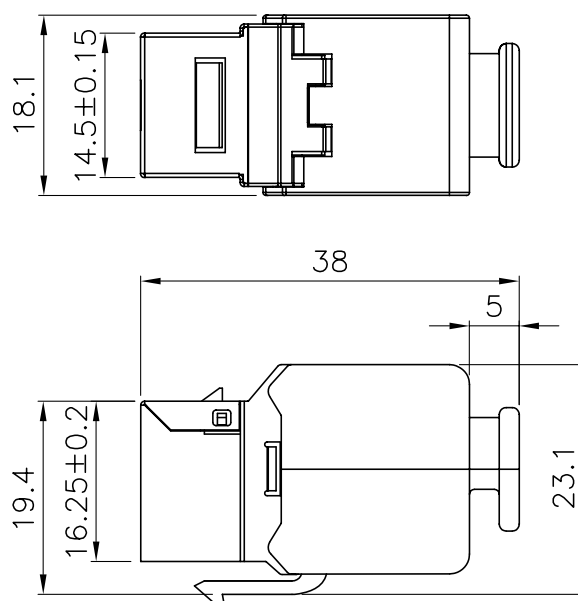
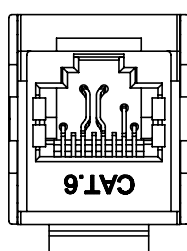
AADDB 32113 31015	KJ18-CE-FS	180° Cat.5E STP Permanent-Link Keystone Jack, Punch-Down
AADDB 32114 31015	KJ18-C6-FS	180° Cat.6 STP Permanent-Link Keystone Jack, Punch-Down

Packing Information

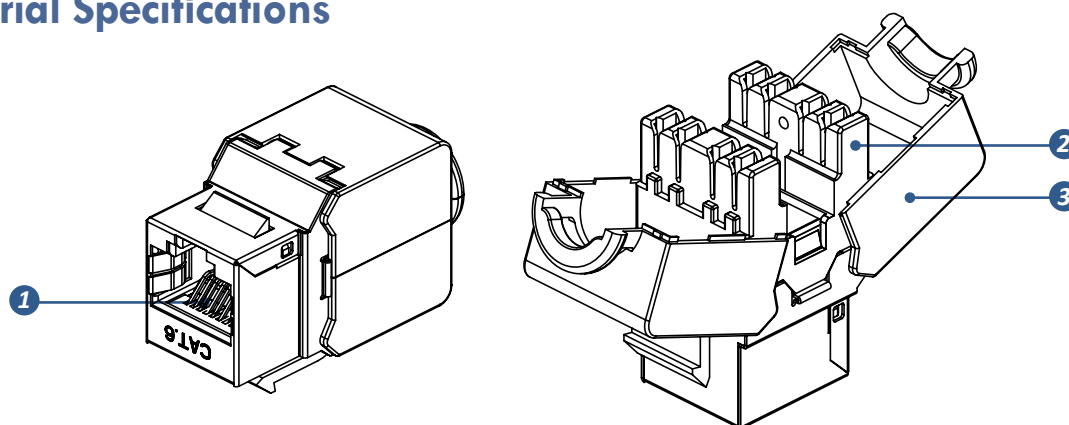
- 1 keystone jack, 1 IDC-Cap & 1 Cable-Tie per bag
- 50 bags 1 Punch-Support-Fixture and 1 Installation-Instruction per box
- 10 boxes per carton (500 pcs/carton)
- Net weight 9.9 kgs per carton
- Gross weight 11.7 kgs per carton
- Carton size L48.0 x W39.0 x H25.3cm, 1.67 CUFT, 0.047CBM

Dimensions (mm)

Tolerance: ± 0.3 mm



Material Specifications



Parts	Specifications
1. RJ45 jack	
1-1. Housing	ABS/PC, UL94V-0
1-2. Contacts bracket	Polycarbonate, UL94V-2, transparent color
1-3. Contacts material	Phosphor bronze with nickel plating
1-4. Contacts gold plating	50 micro-inch gold plating on surface of plug contact area
1-5. Shield	Brass with nickel plating
2. IDCs	
2-1. Housing	Polycarbonate, UL94V-2, white color
2-2. Terminals	Phosphor bronze with tin plating
3. Caps	Zinc Die-Casting with nickel plating
4. PCB	FR4, UL94V-0

Mechanical Characteristics

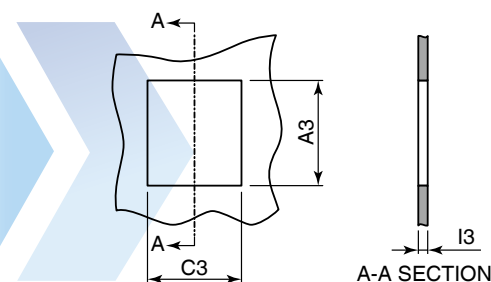
- Life (Mating cycles) ≥ 750 cycles
- Mating/Un-mating force ≤ 30 N
- Retention strength 7.7 kg between jack and plug

Installation Information

- Wire conductor range Solid and stranded, 23-26 AWG
- Cable O.D. range 5.0 mm to 8.5 mm
- IDC re-installing cycles ≥ 20 cycles
- Punch-Down tool Krone or 110 Punch-Down tool
- Installing temperature 0°C to 50°C (32°F to 122°F)
- Storage temperature -40°C to 70°C (-40°F to 158°F)
- Operating temperature -10°C to 60°C (14°F to 140°F)
- Humidity 10% to 90% RH

Mounting Dimensions

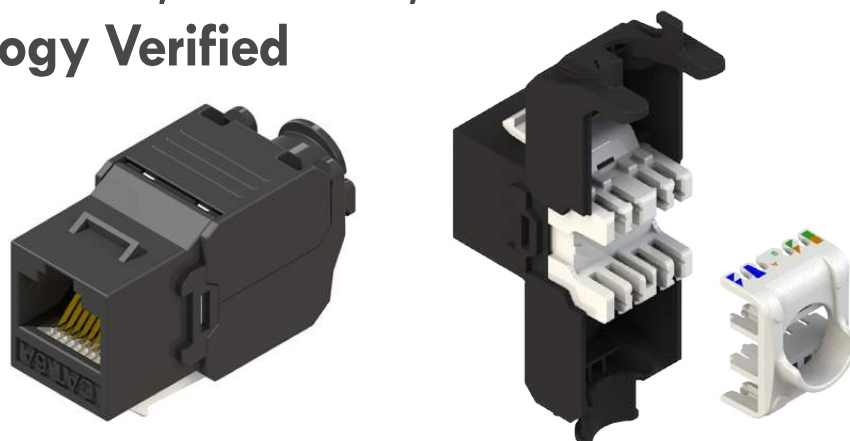
Letter	Max. mm	Min. mm
A3	19.61	19.30
C3	15.04	14.78
I3	1.54	1.22



Electrical Characteristics

Contact resistance	≤ 20 m Ω , from initial
Insulation resistance	≥ 500 M Ω at 100 Vdc, for 60 s
Voltage proof	Contact to contact 1000 Vdc, contact to shield 1500 Vdc, for 60 s
Current carrying capacity	1.0 A at 60°C (140°F)
UL voltage rating	150 V
PoE	60 Vdc, IEEE 802.3bt Type 4 PoE++ (4PPoE) 100 W

180° UTP Connecting-Hardware Keystone Jack, Tool-Free, ETL and FORCE Technology Verified



Features

- High-Density design for 1U-24port keystone panel, extreme performance design for Hyper-Scale and Edge Data Center
- FORCE Technology Verified ANSI/TIA-568.2-D Connecting-Hardware, including the 4PPoE performance
- ETL verified ANSI/TIA 568.2-D Cat.6A and ISO/IEC11801-1 Class EA 4-conductor Channel including the Cat.6A Alien Cross Talk performance
- Easy and Tool-Free in field termination, T568A & B wiring
- Power over HDBaseT™ (PoH) applications up to 100 W
- UL 1863 verified

Standards Compliance

- ANSI/TIA-568.2-D
- ISO/IEC 11801-1, Class D/E/EA
- IEC 60603-7
- IEC 60512-99-002
- IEEE 802.3bt Type 4 PoE++ (4PPoE) 100 W
- ANSI/TIA-1096-A (formerly FCC Part 68)
- UL1863
- RoHS/REACH compliant

Part Number Descriptions

AADBH 01113 000XX	KJ88F-CE-US/XX	180° Cat.5E UTP Connecting-Hardware Keystone Jack, Tool-Free
AADBH 01114 000XX	KJ88F-C6-US/XX	180° Cat.6 UTP Connecting-Hardware Keystone Jack, Tool-Free
AADBH 01116 000XX	KJ88F-6A-US/XX	180° Cat.6A UTP Connecting-Hardware Keystone Jack, Tool-Free

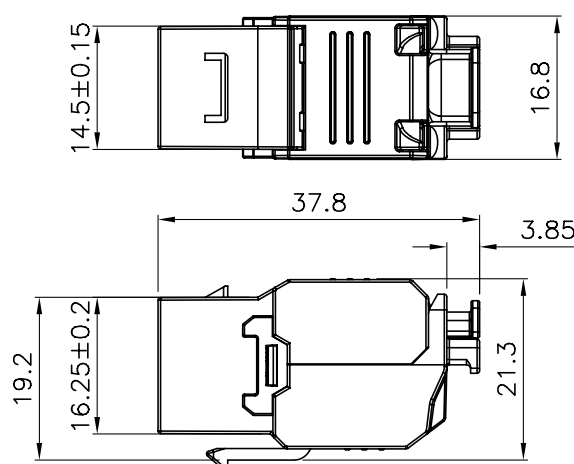
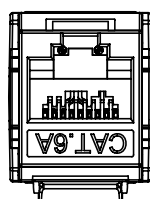
XX = Housing color, 01=Black, 02=Grey(RAL7030), 03=Red(RAL3003), 05=White(RAL9003), 06=Yellow(RAL1018), 07=Blue(RAL5012), 08=Green(RAL6016), 09=Orange(RAL2012), 13=Ivory(RAL1014)

Packing Information

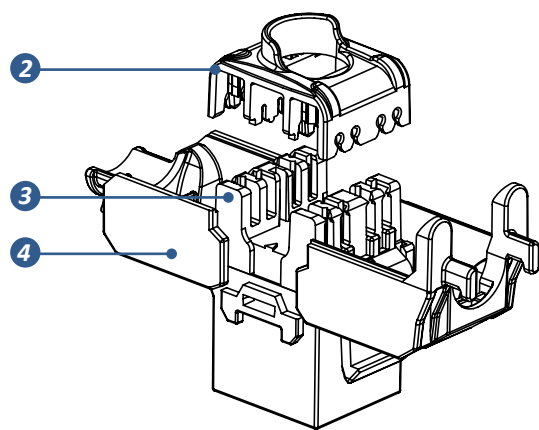
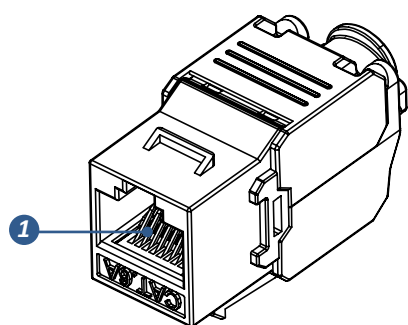
- 1 keystone jack, 1 IDC-Cap & 1 Cable-Tie per bag
- 50 bags and 1 Installation-Instruction per box
- 10 boxes per carton (500 pcs/carton)
- Net weight 3.9 kgs per carton
- Gross weight 6.6 kgs per carton
- Carton size L48.0 x W39.0 x H25.3cm, 1.67 CUFT, 0.047CBM

Dimensions (mm)

Tolerance: ± 0.3 mm

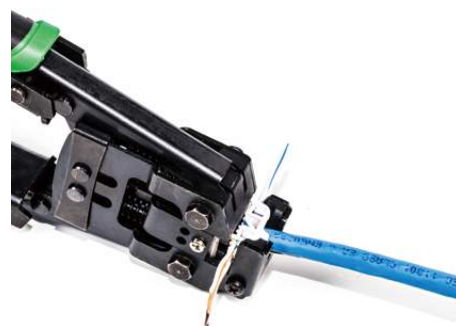


Material Specifications



Parts	Specifications
1. RJ45 jack	
1-1. Housing	ABS/PC, UL94V-0, optional color
1-2. Contacts bracket	Polycarbonate, UL94V-2, transparent color
1-3. Contacts material	Phosphor bronze with nickel plating
1-4. Contacts gold plating	50 micro-inch gold plating on surface of plug contact area
2. Wire management cap (IDC-Cap)	Polycarbonate, UL94V-2, white color
3. IDCs	
3-1. Housing	Polycarbonate, UL94V-2, grey color
3-2. Terminals	Phosphor bronze with tin plating
4. Caps	ABS/PC, black color
5. PCB	FR4, UL94V-0

JE Termination Tool



Mechanical Characteristics

- Life (Mating cycles) ≥ 750 cycles
- Mating/Un-mating force ≤ 20 N
- Retention strength 7.7 kg between jack and plug

Installation Information

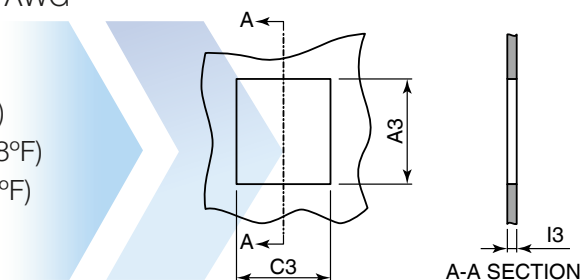
- Wire conductor range Solid and stranded, 23-26 AWG
- Cable O.D. range 5.0 mm to 8.5 mm
- IDC re-installing cycles ≥ 20 cycles
- Installing temperature 0°C to 50°C (32°F to 122°F)
- Storage temperature -40°C to 70°C (-40°F to 158°F)
- Operating temperature -10°C to 60°C (14°F to 140°F)
- Humidity 10% to 90% RH

Electrical Characteristics

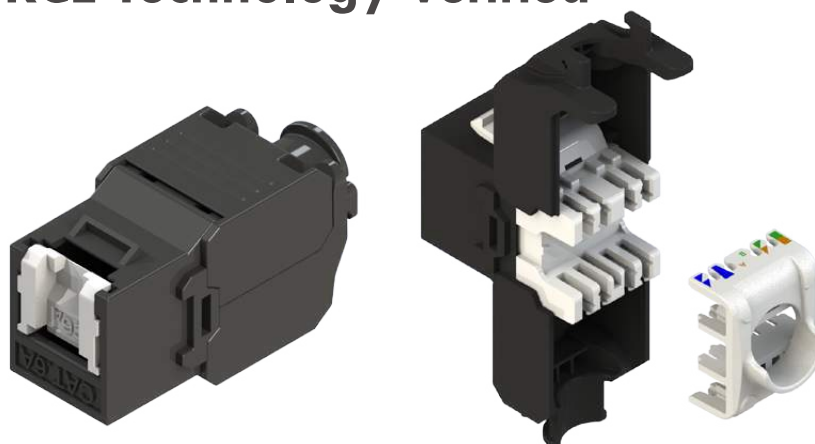
Contact resistance	≤ 20 m Ω , from initial
Insulation resistance	≥ 500 M Ω at 100 Vdc, for 60 s
Voltage proof	Contact to contact 1000 Vdc, contact to shield 1500 Vdc, for 60 s
Current carrying capacity	1.0 A at 60°C (140°F)
UL voltage rating	150 V
PoE	60 Vdc, IEEE 802.3bt Type 4 PoE++ (4PPoE) 100 W

Mounting Dimensions

Letter	Max. mm	Min. mm
A3	19.61	19.30
C3	15.04	14.78
I3	1.54	1.22



180° UTP Connecting-Hardware Keystone Jack, Tool-Free, Dust-Cap Type, ETL and FORCE Technology Verified



Features

- High-Density design for 1U-24port keystone panel, extreme performance design for Hyper-Scale and Edge Data Center
- FORCE Technology Verified ANSI/TIA-568.2-D Connecting-Hardware, including the 4PPoE performance
- ETL verified ANSI/TIA 568.2-D Cat.6A and ISO/IEC11801-1 Class EA 4-conductor Channel including the Cat.6A Alien Cross Talk performance
- Easy and Tool-Free in field termination, T568A & B wiring
- Power over HDBaseT™ (PoH) applications up to 100 W
- UL 1863 verified
- IP20 performance by Dust-Cap design

Standards Compliance

- ANSI/TIA-568.2-D
- ISO/IEC 11801-1, Class D/E/EA
- IEC 60603-7
- IEC 60512-99-002
- IEEE 802.3bt Type 4 PoE++ (4PPoE) 100 W
- ANSI/TIA-1096-A (formerly FCC Part 68)
- UL1863
- RoHS/REACH compliant

Part Number Descriptions

- AADBH 01113 040XX KJ88F-CE-US/XX-D** 180° Cat.5E UTP Connecting-Hardware Keystone Jack, Tool-Free, Dust-Cap Type
AADBH 01114 040XX KJ88F-C6-US/XX-D 180° Cat.6 UTP Connecting-Hardware Keystone Jack, Tool-Free, Dust-Cap Type
AADBH 01116 040XX KJ88F-6A-US/XX-D 180° Cat.6A UTP Connecting-Hardware Keystone Jack, Tool-Free, Dust-Cap Type

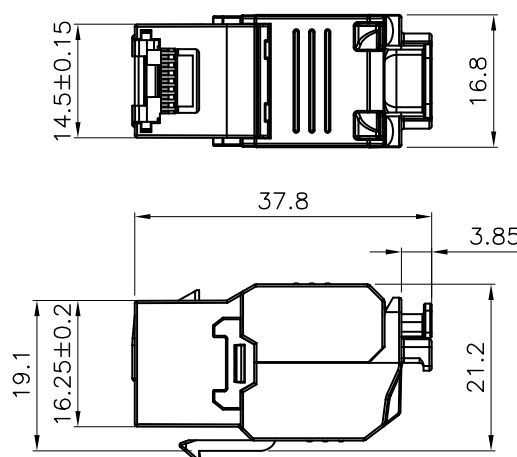
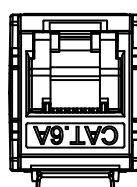
XX = Housing color, 01=Black, 02=Grey(RAL7030), 03=Red(RAL3003), 05=White(RAL9003), 06=Yellow(RAL1018), 07=Blue(RAL5012), 08=Green(RAL6016), 09=Orange(RAL2012), 13=Ivory(RAL1014)

Packing Information

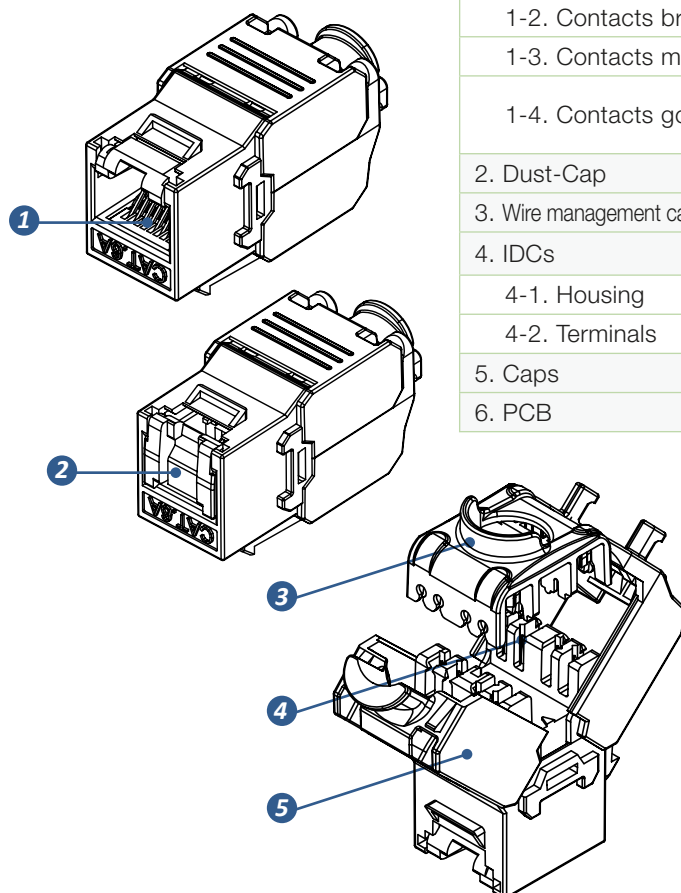
- 1 keystone jack, 1 IDC-Cap & 1 Cable-Tie per bag
- 50 bags and 1 Installation-Instruction per box
- 10 boxes per carton (500 pcs/carton)
- Net weight 3.9 kgs per carton
- Gross weight 6.6 kgs per carton
- Carton size L48.0 x W39.0 x H25.3cm, 1.67 CUFT, 0.047CBM

Dimensions (mm)

Tolerance: ± 0.3 mm

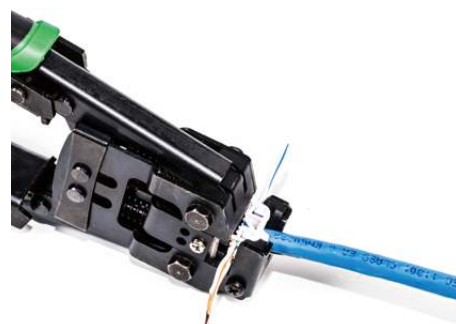


Material Specifications



Parts	Specifications
1. RJ45 jack	
1-1. Housing	ABS/PC, UL94V-0, optional color
1-2. Contacts bracket	Polycarbonate, UL94V-2, transparent color
1-3. Contacts material	Phosphor bronze with nickel plating
1-4. Contacts gold plating	50 micro-inch gold plating on surface of plug contact area
2. Dust-Cap	ABS/PC, UL94V-0, white color
3. Wire management cap (IDC-Cap)	Polycarbonate, UL94V-2, white color
4. IDCs	
4-1. Housing	Polycarbonate, UL94V-2, grey color
4-2. Terminals	Phosphor bronze with tin plating
5. Caps	ABS/PC, UL94V-0, black color
6. PCB	FR4, UL94V-0

JE Termination Tool



Mechanical Characteristics

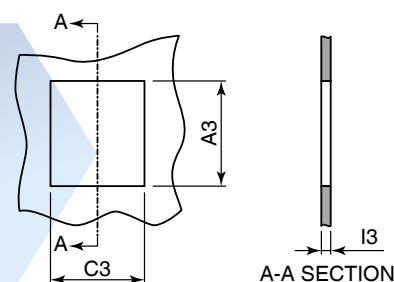
- Life (Mating cycles) ≥ 750 cycles
- Mating/Un-mating force ≤ 20 N
- Retention strength 7.7 kg between jack and plug

Installation Information

- Wire conductor range Solid and stranded, 23-26 AWG
- Cable O.D. range 5.0 mm to 8.5 mm
- IDC re-installing cycles ≥ 20 cycles
- Installing temperature 0°C to 50°C (32°F to 122°F)
- Storage temperature -40°C to 70°C (-40°F to 158°F)
- Operating temperature -10°C to 60°C (14°F to 140°F)
- Humidity 10% to 90% RH

Mounting Dimensions

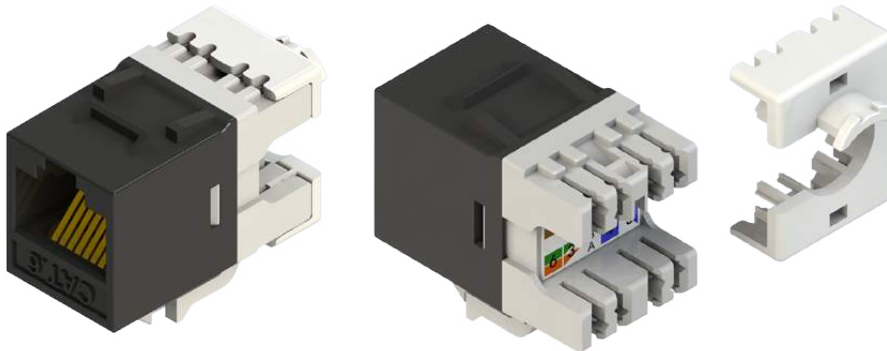
Letter	Max. mm	Min. mm
A3	19.61	19.30
C3	15.04	14.78
I3	1.54	1.22



Electrical Characteristics

Contact resistance	≤ 20 m Ω , from initial
Insulation resistance	≥ 500 M Ω at 100 Vdc, for 60 s
Voltage proof	Contact to contact 1000 Vdc, contact to shield 1500 Vdc, for 60 s
Current carrying capacity	1.0 A at 60°C (140°F)
UL voltage rating	150 V
PoE	60 Vdc, IEEE 802.3bt Type 4 PoE++ (4PPoE) 100 W

180° UTP Connecting-Hardware Keystone Jack, Punch-Down, Slim Size, ETL and FORCE Technology Verified



Features

- High-Density design for 1U-48port keystone panel, extreme performance design for Hyper-Scale and Edge Data Center
- ETL and FORCE Technology Verified ANSI/TIA-568.2-D Connecting-Hardware including the 4PPoE performance
- T568A & B wiring
- Power over HDBaseT™ (PoH) applications up to 100 W
- UL 1863 verified

Standards Compliance

- ANSI/TIA-568.2-D
- ISO/IEC 11801-1, Class D/E
- IEC 60603-7
- IEC 60512-99-002
- IEEE 802.3bt Type 4 PoE++ (4PPoE) 100 W
- ANSI/TIA-1096-A (formerly FCC Part 68)
- UL1863
- RoHS/REACH compliant

Part Number Descriptions

AADDD 01113 000XX KJ88-CE-US/XX 180° Cat.5E UTP Connecting-Hardware Keystone Jack, Punch-Down, Slim Size

AADDD 01114 000XX KJ88-C6-US/XX 180° Cat.6 UTP Connecting-Hardware Keystone Jack, Punch-Down, Slim Size

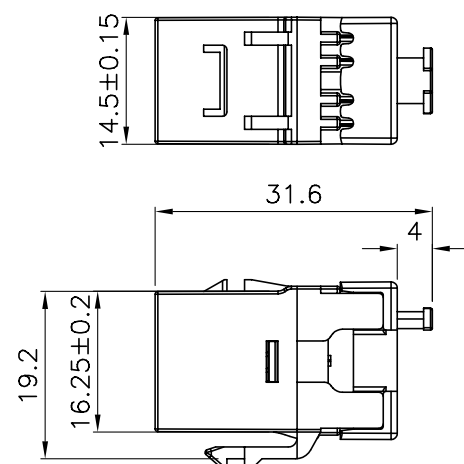
XX = Housing color, 01=Black, 02=Grey(RAL7030), 03=Red(RAL3003), 05=White(RAL9003), 06=Yellow(RAL1018), 07=Blue(RAL5012), 08=Green(RAL6016), 09=Orange(RAL2012), 13=Ivory(RAL1014)

Packing Information

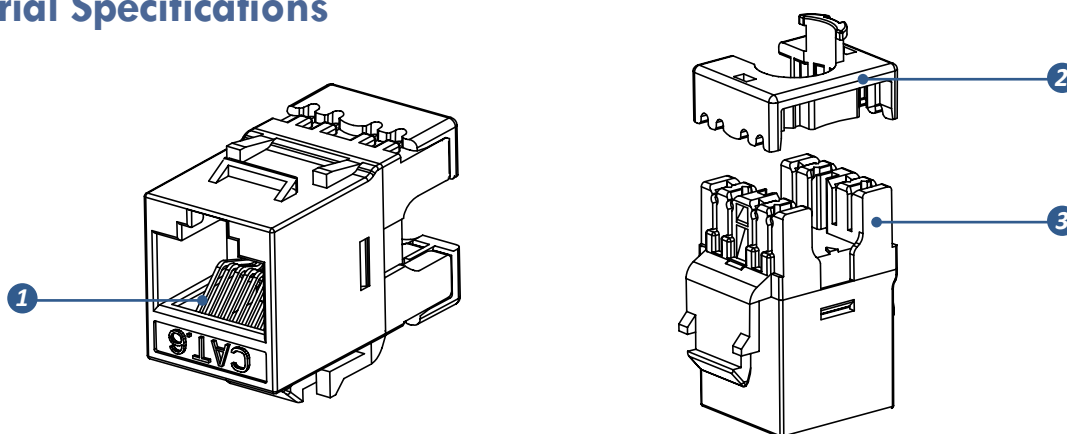
- 1 keystone jack, 1 IDC-Cap & 1 Cable-Tie per bag
- 50 bags, 1 Punch-Support-Fixture & 1 Installation-Instruction per box
- 10 boxes per carton (500 pcs/carton)
- Net weight 3.2 kgs per carton
- Gross weight 6.0 kgs per carton
- Carton size L48.0 x W39.0 x H25.3cm, 1.67 CUFT, 0.047CBM

Dimensions (mm)

Tolerance: ± 0.3 mm



Material Specifications



Parts	Specifications
1. RJ45 jack	
1-1. Housing	ABS/PC, UL94V-0
1-2. Contacts bracket	Polycarbonate, UL94V-2, transparent color
1-3. Contacts material	Phosphor bronze with nickel plating
1-4. Contacts gold plating	50 micro-inch gold plating on surface of plug contact area
2. IDC-Cap	Polycarbonate, UL94-V2, white color
3. IDCs	
3-1. Housing	Polycarbonate, UL94V-2, grey color
3-2. Terminals	Phosphor bronze with tin plating
4. PCB	FR4, UL94V-0

Mechanical Characteristics

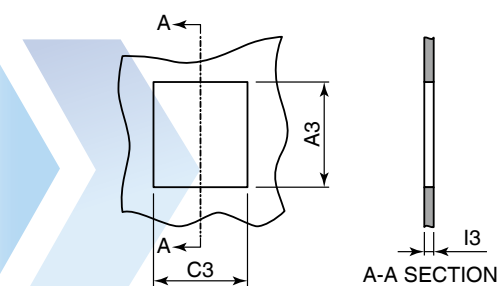
- Life (Mating cycles) ≥ 750 cycles
- Mating/Un-mating force ≤ 20 N
- Retention strength 7.7 kg between jack and plug

Installation Information

- Wire conductor range Solid and stranded, 23-26 AWG
- Cable O.D. range 5.0 mm to 8.5 mm
- IDC re-installing cycles ≥ 20 cycles
- Punch-Down tool Krone or 110 Punch-Down tool
- Installing temperature 0°C to 50°C (32°F to 122°F)
- Storage temperature -40°C to 70°C (-40°F to 158°F)
- Operating temperature -10°C to 60°C (14°F to 140°F)
- Humidity 10% to 90% RH

Mounting Dimensions

Letter	Max. mm	Min. mm
A3	19.61	19.30
C3	15.04	14.78
I3	1.54	1.22



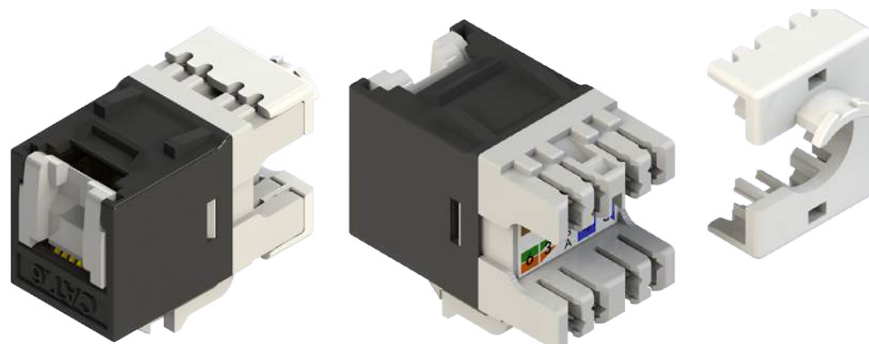
Electrical Characteristics

Contact resistance	≤ 20 m Ω , from initial
Insulation resistance	≥ 500 M Ω at 100 Vdc, for 60 s
Voltage proof	Contact to contact 1000 Vdc, for 60 s
Current carrying capacity	1.0 A at 60°C (140°F)
UL voltage rating	150 V
PoE	60 Vdc, IEEE 802.3bt Type 4 PoE++ (4PPoE) 100 W

Wiring info.



180° UTP Connecting-Hardware Keystone Jack, Punch-Down, Slim Size, Dust-Cap Type



Features

- High-Density design for 1U-48port keystone panel, extreme performance design for Hyper-Scale and Edge Data Center
- ETL and FORCE Technology Verified ANSI/TIA-568.2-D Connecting-Hardware including the 4PPoE performance
- T568A & B wiring
- Power over HDBase™ (PoH) applications up to 100 W
- UL 1863 verified
- IP20 performance by Dust-Cap design

Standards Compliance

- ANSI/TIA-568.2-D
- ISO/IEC 11801-1, Class D/E
- IEC 60603-7
- IEC 60512-99-002
- IEEE 802.3bt Type 4 PoE++ (4PPoE) 100 W
- ANSI/TIA-1096-A (formerly FCC Part 68)
- UL1863
- RoHS/REACH compliant

Part Number Descriptions

AADDD 01113 040XX KJ88-CE-US/XX-D 180° Cat.5E UTP Connecting-Hardware Keystone Jack, Punch-Down, Slim Size, Dust-Cap Type

AADDD 01114 040XX KJ88-C6-US/XX-D 180° Cat.6 UTP Connecting-Hardware Keystone Jack, Punch-Down, Slim Size, Dust-Cap Type

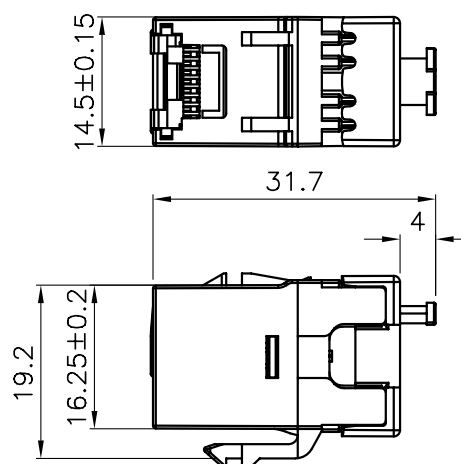
XX = Housing color, 01=Black, 02=Grey(RAL7030), 03=Red(RAL3003), 05=White(RAL9003), 06=Yellow(RAL1018), 07=Blue(RAL5012), 08=Green(RAL6016), 09=Orange(RAL2012), 13=Ivory(RAL1014)

Packing Information

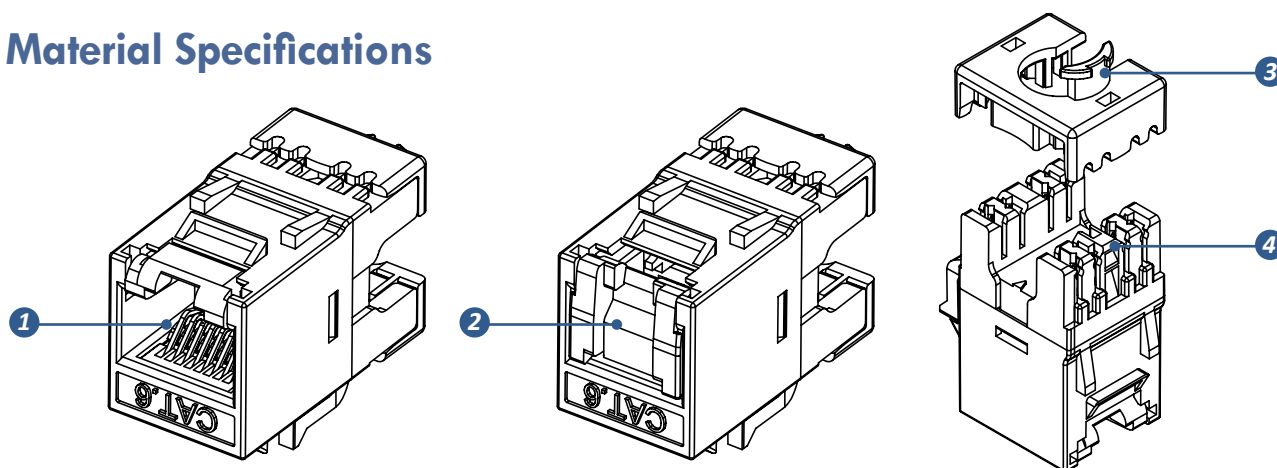
- 1 keystone jack, 1 IDC-Cap & 1 Cable-Tie per bag
- 50 bags, 1 Punch-Support-Fixture & 1 Installation-Instruction per box
- 10 boxes per carton (500 pcs/carton)
- Net weight 3.2 kgs per carton
- Gross weight 6.0 kgs per carton
- Carton size L48.0 x W39.0 x H25.3cm, 1.67 CUFT, 0.047CBM

Dimensions (mm)

Tolerance: ± 0.3 mm



Material Specifications



Parts	Specifications
1. RJ45 jack	
1-1. Housing	ABS/PC, UL94V-0, optional color
1-2. Contacts bracket	Polycarbonate, UL94V-2, transparent color
1-3. Contacts material	Phosphor bronze with nickel plating
1-4. Contacts gold plating	50 micro-inch gold plating on surface of plug contact area
2. Dust-Cap	ABS/PC, UL94V-2, white color
3. IDC-Cap	Polycarbonate, UL94-HB, white color
4. IDCs	
4-1. Housing	Polycarbonate, UL94V-2, grey color
4-2. Terminals	Phosphor bronze with tin plating
5. PCB	FR4, UL94V-0

Mechanical Characteristics

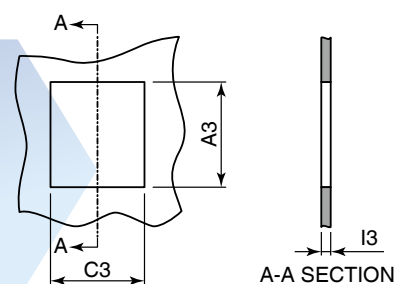
- Life (Mating cycles) ≥ 750 cycles
- Mating/Un-mating force ≤ 20 N
- Retention strength 7.7 kg between jack and plug

Installation Information

- Wire conductor range Solid and stranded, 23-26 AWG
- Cable O.D. range 5.0 mm to 8.5 mm
- IDC re-installing cycles ≥ 20 cycles
- Punch-Down tool Krone or 110 Punch-Down tool
- Installing temperature 0°C to 50°C (32°F to 122°F)
- Storage temperature -40°C to 70°C (-40°F to 158°F)
- Operating temperature -10°C to 60°C (14°F to 140°F)
- Humidity 10% to 90% RH

Mounting Dimensions

Letter	Max. mm	Min. mm
A3	19.61	19.30
C3	15.04	14.78
I3	1.54	1.22



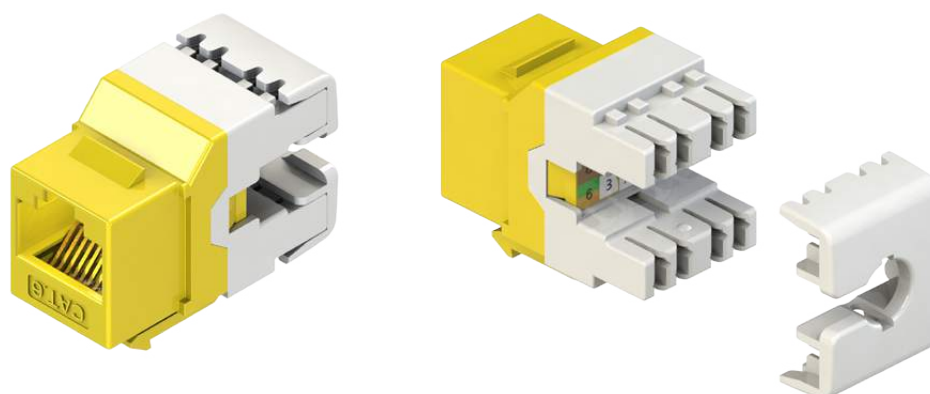
Electrical Characteristics

Contact resistance	≤ 20 m Ω , from initial
Insulation resistance	≥ 500 M Ω at 100 Vdc, for 60 s
Voltage proof	Contact to contact 1000 Vdc, for 60 s
Current carrying capacity	1.0 A at 60°C (140°F)
UL voltage rating	150 V
PoE	60 Vdc, IEEE 802.3bt Type 4 PoE++ (4PPoE) 100 W

Wiring info.



180° UTP Connecting-Hardware Keystone Jack, Punch-Down



Features

- High-Density design for 1U-24port keystone panel, extreme performance design for Hyper-Scale and Edge Data Center
- High headroom on ANSI/TIA-568.2-D and ISO/IEC 11801-1 Channel and Permanent-Link including the 4PPoE performance
- T568A & B wiring
- Power over HDBaseT™ (PoH) applications up to 100 W
- UL 1863 verified

Standards Compliance

- ANSI/TIA-568.2-D
- ISO/IEC 11801-1, Class D/E/EA
- IEC 60603-7
- IEC 60512-99-002
- IEEE 802.3bt Type 4 PoE++ (4PPoE) 100 W
- ANSI/TIA-1096-A (formerly FCC Part 68)
- UL1863
- RoHS/REACH compliant

Part Number Descriptions

AADDB 31113 310XX KJ18-CE-US/XX 180° Cat.5E UTP Permanent-Link Keystone Jack, Punch-Down

AADDB 31114 310XX KJ18-C6-US/XX 180° Cat.6 UTP Permanent-Link Keystone Jack, Punch-Down

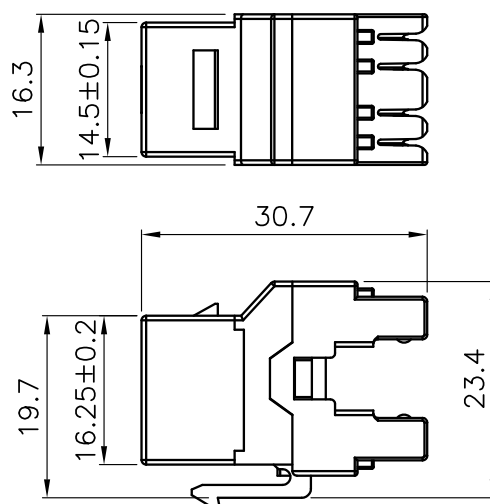
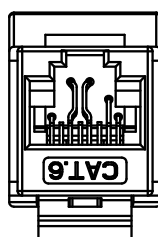
XX = Housing color, 01=Black, 02=Grey(RAL7030), 03=Red(RAL3003), 05=White(RAL9003), 06=Yellow(RAL1018), 07=Blue(RAL5012), 08=Green(RAL6016), 09=Orange(RAL2012), 13=Ivory(RAL1014)

Packing Information

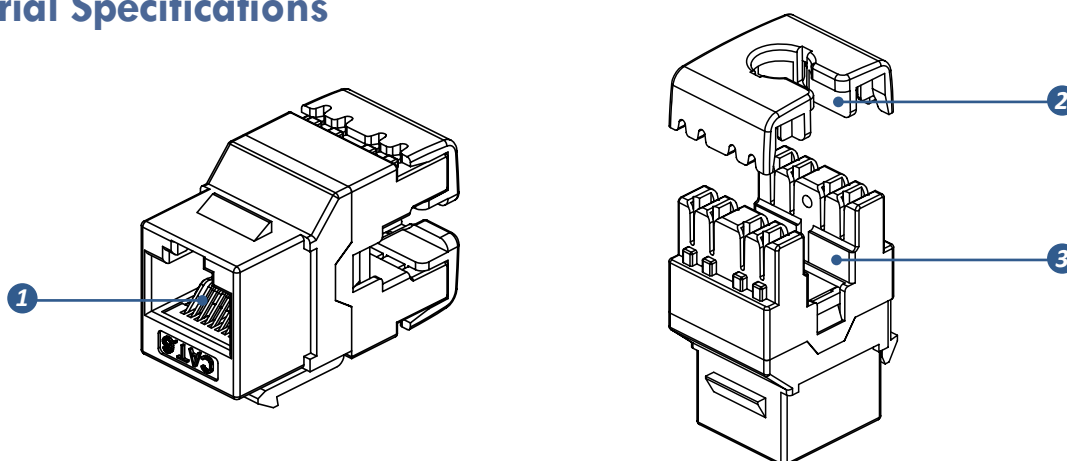
- 1 keystone jack, 1 IDC-Cap & 1 Cable-Tie per bag
- 50 bags, 1 Punch-Support-Fixture & 1 Installation-Instruction per box
- 10 boxes per carton (500 pcs/carton)
- Net weight 4.6 kgs per carton
- Gross weight 7.0 kgs per carton
- Carton size L48.0 x W39.0 x H25.3cm, 1.67 CUFT, 0.047CBM

Dimensions (mm)

Tolerance: ± 0.3 mm



Material Specifications



Parts	Specifications
1. RJ45 jack	
1-1. Housing	ABS/PC, UL94V-0, optional color
1-2. Contacts bracket	Polycarbonate, UL94V-2, transparent color
1-3. Contacts material	Phosphor bronze with nickel plating
1-4. Contacts gold plating	50 micro-inch gold plating on surface of plug contact area
2. IDC-Cap	Polycarbonate, UL94-HB, white color
3. IDCs	
3-1. Housing	Polycarbonate, UL94V-2
3-2. Terminals	Phosphor bronze with tin plating
4. PCB	FR4, UL94V-0

Mechanical Characteristics

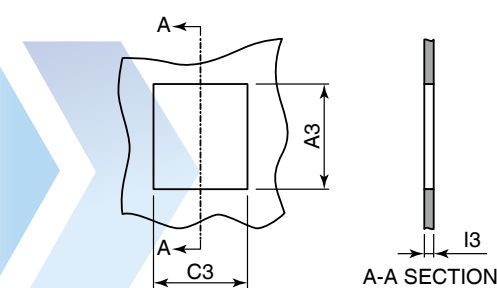
- Life (Mating cycles) ≥ 750 cycles
- Mating/Un-mating force ≤ 20 N
- Retention strength 7.7 kg between jack and plug

Installation Information

- Wire conductor range Solid and stranded, 23-26 AWG
- Cable O.D. range 5.0 mm to 8.5 mm
- IDC re-installing cycles ≥ 20 cycles
- Punch-Down tool Krone or 110 Punch-Down tool
- Installing temperature 0°C to 50°C (32°F to 122°F)
- Storage temperature -40°C to 70°C (-40°F to 158°F)
- Operating temperature -10°C to 60°C (14°F to 140°F)
- Humidity 10% to 90% RH

Mounting Dimensions

Letter	Max. mm	Min. mm
A3	19.61	19.30
C3	15.04	14.78
I3	1.54	1.22



Electrical Characteristics

Contact resistance	≤ 20 m Ω , from initial
Insulation resistance	≥ 500 M Ω at 100 Vdc, for 60 s
Voltage proof	Contact to contact 1000 Vdc, for 60 s
Current carrying capacity	1.0 A at 60°C (140°F)
UL voltage rating	150 V
PoE	60 Vdc, IEEE 802.3bt Type 4 PoE++ (4PPoE) 100 W

90° UTP Connecting-Hardware Keystone Jack, Punch-Down, Decora® Wall Plate compatible



Features

- High-Density design for 1U-48port keystone panel, extreme performance design for Hyper-Scale and Edge Data Center
- ETL verified ANSI/TIA 568.2-D Connecting-Hardware, Cat.6A including the Alien Cross Talk performance
- ETL verified ANSI/TIA 568.2-D Cat.6A and ISO/IEC11801-1 Class EA 4-conductor Channel including the Cat.6A Alien Cross Talk performance
- Fits for Decora® wall plate
- Pair Separation Tower of 110 IDC design
- Suitable for 110 Punch-Down tool and JE termination tool, T568A & B wiring
- Power over HDBaseT™ (PoH) applications up to 100 W
- UL 1863 verified

Standards Compliance

- ANSI/TIA-568.2-D
- ISO/IEC 11801-1, Class D/E/EA
- IEC 60603-7
- IEC 60512-99-002
- IEEE 802.3bt Type 4 PoE++ (4PPoE) 100 W
- ANSI/TIA-1096-A (formerly FCC Part 68)
- UL1863
- RoHS/REACH compliant

Part Number Descriptions

AADCE 01113 010XX	KJ38-CE-US/XX	90° Cat.5E UTP Connecting-Hardware Keystone Jack, Punch-Down
AADCE 01114 011XX	KJ38-C6-US/XX	90° Cat.6 UTP Connecting-Hardware Keystone Jack, Punch-Down
AADCE 01116 010XX	KJ38-6A-US/XX	90° Cat.6A UTP Connecting-Hardware Keystone Jack, Punch-Down

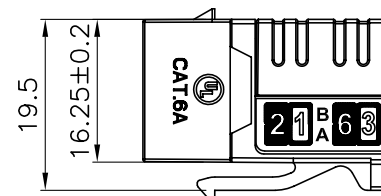
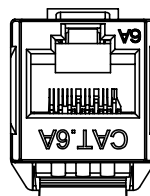
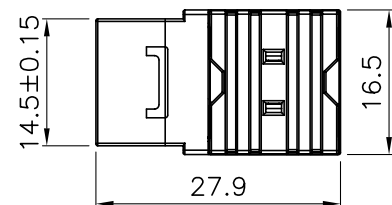
XX = Housing color, 01=Black, 02=Grey(RAL7030), 03=Red(RAL3003), 05=White(RAL9003), 06=Yellow(RAL1018), 07=Blue(RAL5012), 08=Green(RAL6016), 09=Orange(RAL2012), 13=Ivory(RAL1014)

Packing Information

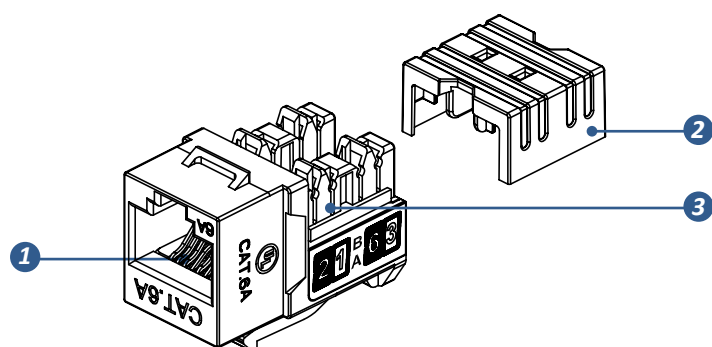
- 1 keystone jack & 1 IDC-Cap per bag
- 50 bags, 1 Punch-Support-Fixture & 1 Installation-Instruction per box
- 10 bags boxes per carton (500/carton)
- Net weight 4.3 kgs per carton
- Gross weight 6.9 kgs per carton
- Carton size L48.0 x W39.0 x H25.3cm, 1.67 CUFT, 0.047CBM

Dimensions (mm)

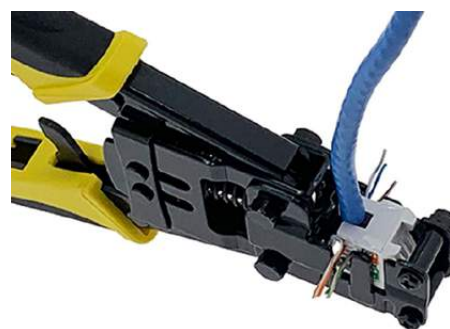
Tolerance: ± 0.3 mm



Material Specifications



JE Termination Tool



Parts	Specifications
1. RJ45 jack	
1-1. Housing	ABS/PC, UL94V-0, optional color
1-2. Contacts bracket	PBT with glass fiber, UL94V-0
1-3. Contacts material	Phosphor bronze with nickel plating
1-4. Contacts gold plating	50 micro-inch gold plating on surface of plug contact area
2. IDC-Cap	ABS/PC, UL94V-0, black color
3. IDCs	
3-1. Housing	Polycarbonate, UL94V-2, white color
3-2. Terminals	Phosphor bronze with tin plating
4. PCB	FR4, UL94V-0

Mechanical Characteristics

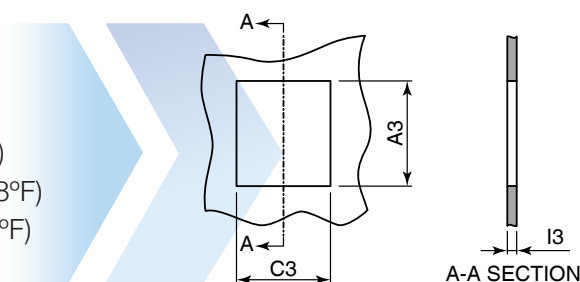
- Life (Mating cycles) ≥ 750 cycles
- Mating/Un-mating force ≤ 20 N
- Retention strength 7.7 kg between jack and plug

Installation Information

- Wire conductor range Solid and stranded, 23-26 AWG
- Cable O.D. range 5.0 mm to 8.5 mm
- IDC re-installing cycles ≥ 20 cycles
- Punch-Down tool 110 Punch-Down tool, or JE termination tool
- Installing temperature 0°C to 50°C (32°F to 122°F)
- Storage temperature -40°C to 70°C (-40°F to 158°F)
- Operating temperature -10°C to 60°C (14°F to 140°F)
- Humidity 10% to 90% RH

Mounting Dimensions

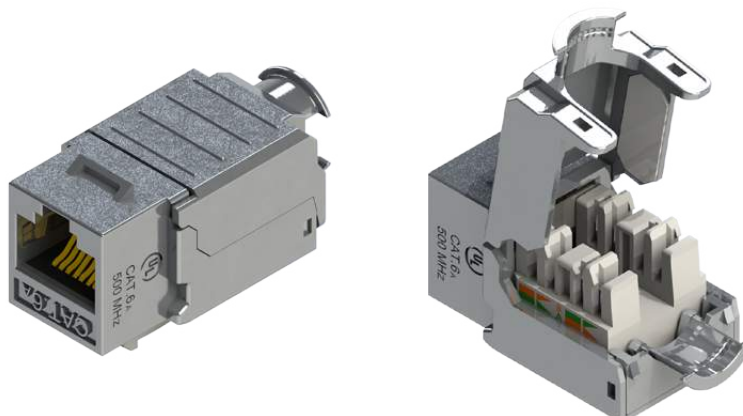
Letter	Max. mm	Min. mm
A3	19.61	19.30
C3	15.04	14.78
I3	1.54	1.22



Electrical Characteristics

Contact resistance	≤ 20 m Ω , from initial
Insulation resistance	≥ 500 M Ω at 100 Vdc, for 60 s
Voltage proof	Contact to contact 1000 Vdc, contact to shield 1500 Vdc, for 60 s
Current carrying capacity	1.0 A at 60°C (140°F)
UL voltage rating	150 V
PoE	60 Vdc, IEEE 802.3bt Type 4 PoE++ (4PPoE) 100 W

90° STP Connecting-Hardware Keystone Jack, Punch-Down, Low Profile, ETL verified



Features

- High-Density design for 1U-48port keystone panel, extreme performance design for Hyper-Scale and Edge Data Center
- ETL verified ANSI/TIA-568.2-D Connecting-Hardware performance
- Pair Separation Tower of 110 IDC design, T568A & B wiring
- Power over HDBaseT™ (PoH) applications up to 100 W
- UL 1863 verified
- Suitable for 110 Punch-Down tool and JE termination tool

Standards Compliance

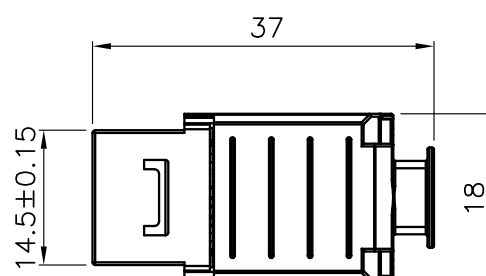
- ANSI/TIA-568.2-D
- ISO/IEC 11801-1, Class D/E/EA
- IEC 60603-7-1
- IEC 60512-99-002
- IEEE 802.3bt Type 4 PoE++ (4PPoE) 100 W
- ANSI/TIA-1096-A (formerly FCC Part 68)
- UL1863
- RoHS/REACH compliant

Part Number Descriptions

AADCD 02113 03015	KJ32-CE-FS	90° Cat.5E STP Connecting-Hardware Keystone Jack, Punch-Down, Low Profile
AADCD 02114 03015	KJ32-C6-FS	90° Cat.6 STP Connecting-Hardware Keystone Jack, Punch-Down, Low Profile
AADCD 02115 03015	KJ32-6A-FS	90° Cat.6A STP Connecting-Hardware Keystone Jack, Punch-Down, Low Profile

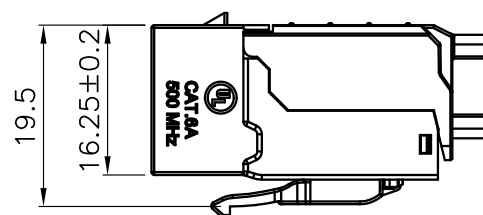
Packing Information

- 1 keystone jack, 1 IDC-Cap & 1 Cable-Tie per bag
- 50 bags, 1 Punch-Support-Fixture & 1 Installation-Instruction per box
- 10 bags boxes per carton (500 pcs/carton)
- Net weight 10.5 kgs per carton
- Gross weight 13.4 kgs per carton
- Carton size L48.0 x W39.0 x H25.3cm, 1.67 CUFT, 0.047CBM

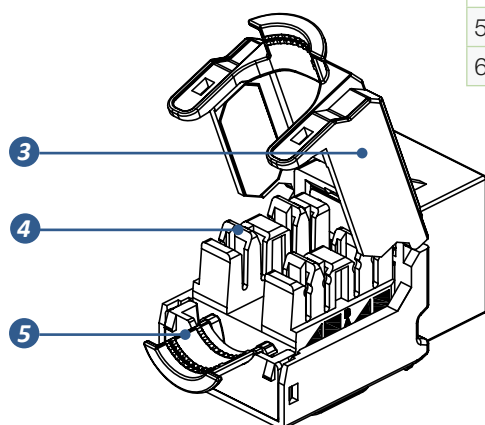
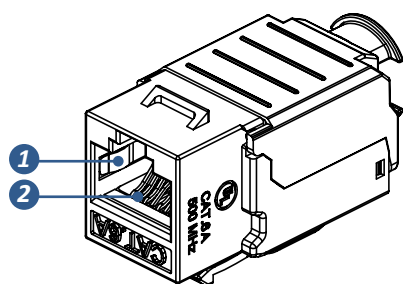


Dimensions (mm)

Tolerance: ± 0.3 mm



Material Specifications



Parts	Specifications
1. Grounding contacts	Stainless steel
2. RJ45 jack	
2-1. Housing	Zinc Die-Casting with nickel plating
2-2. Contacts bracket	PBT with glass fiber, UL94V-0
3-3. Contacts material	Phosphor bronze with nickel plating
2-4. Contacts gold plating	50 micro-inch gold plating on surface of plug contact area
3. Cap	Zinc Die-Casting with nickel plating
4. IDCs	
4-1. Housing	Polycarbonate, UL94V-2, grey color
4-2. Terminals	Phosphor bronze with tin plating
5. Grounding block	Zinc Die-Casting with nickel plating
6. PCB	FR4, UL94V-0

JE Termination Tool



Mechanical Characteristics

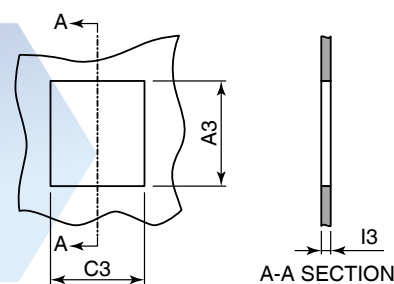
- Life (Mating cycles) ≥ 750 cycles
- Mating/Un-mating force ≤ 30 N
- Retention strength 7.7 kg between jack and plug

Installation Information

- Wire conductor range Solid and stranded, 23-26 AWG
- Cable O.D. range 5.0 mm to 8.5 mm
- IDC re-installing cycles ≥ 20 cycles
- Punch-Down tool 110 Punch-Down tool, or JE termination tool
- Installing temperature 0°C to 50°C (32°F to 122°F)
- Storage temperature -40°C to 70°C (-40°F to 158°F)
- Operating temperature -10°C to 60°C (14°F to 140°F)
- Humidity 10% to 90% RH

Mounting Dimensions

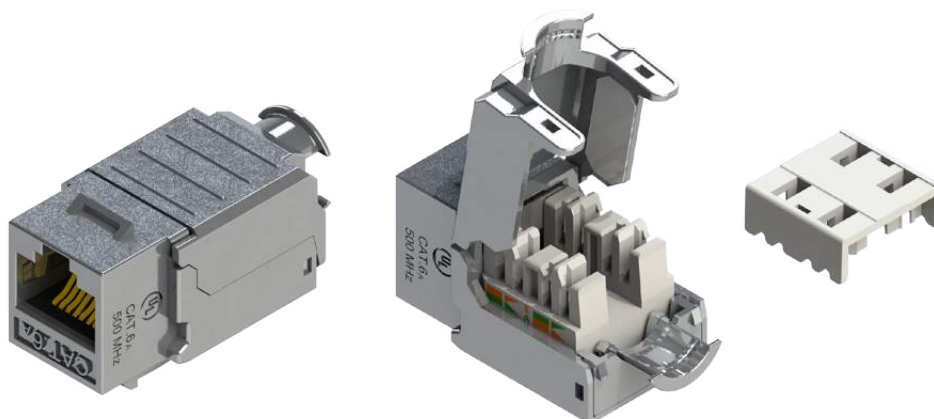
Letter	Max. mm	Min. mm
A3	19.61	19.30
C3	15.04	14.78
I3	1.54	1.22



Electrical Characteristics

Contact resistance	≤ 20 m Ω , from initial
Insulation resistance	≥ 500 M Ω at 100 Vdc, for 60 s
Voltage proof	Contact to contact 1000 Vdc, contact to shield 1500 Vdc, for 60 s
Current carrying capacity	1.0 A at 60°C (140°F)
UL voltage rating	150 V
PoE	60 Vdc, IEEE 802.3bt Type 4 PoE++ (4PPoE) 100 W

90° STP Connecting-Hardware Keystone Jack, Tool-Free, Low Profile, ETL verified



Features

- High-Density design for 1U-48port keystone panel, extreme performance for Edge Data Center
- ETL verified ANSI/TIA-568.2-D Connecting-Hardware performance
- Easy and Tool-Free in field termination, T568A & B wiring
- Power over HDBaseT™ (PoH) applications up to 100 W
- UL 1863 verified

Standards Compliance

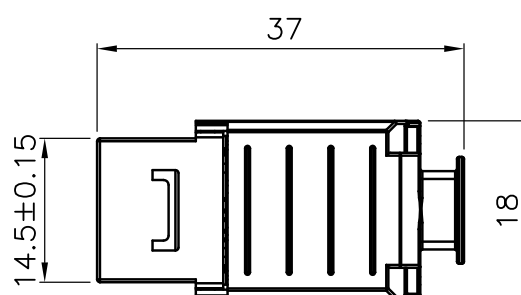
- ANSI/TIA-568.2-D
- ISO/IEC 11801-1, Class D/E/EA
- IEC 60603-7-1
- IEC 60512-99-002
- IEEE 802.3bt Type 4 PoE++ (4PPoE) 100 W
- ANSI/TIA-1096-A (formerly FCC Part 68)
- UL1863
- RoHS/REACH compliant

Part Number Descriptions

AADAF 02113 03015	KJ32F-CE-FS	90° Cat.5E STP Connecting-Hardware Keystone Jack, Tool-Free, Low Profile
AADAF 02114 03015	KJ32F-C6-FS	90° Cat.6 STP Connecting-Hardware Keystone Jack, Tool-Free, Low Profile
AADAF 02115 03015	KJ32F-6A-FS	90° Cat.6A STP Connecting-Hardware Keystone Jack, Tool-Free, Low Profile

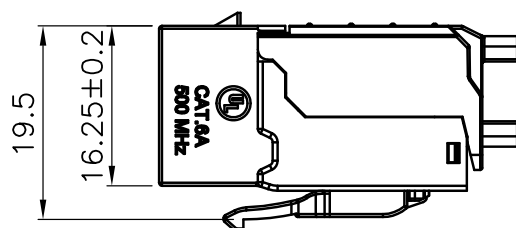
Packing Information

- 1 keystone jack, 1 IDC-Cap & 1 Cable-Tie per bag
- 50 bags and 1 Installation-Instruction per box
- 10 bags boxes per carton (500 pcs/carton)
- Net weight 10.5 kgs per carton
- Gross weight 13.4 kgs per carton
- Carton size L48.0 x W39.0 x H25.3cm, 1.67 CUFT, 0.047CBM

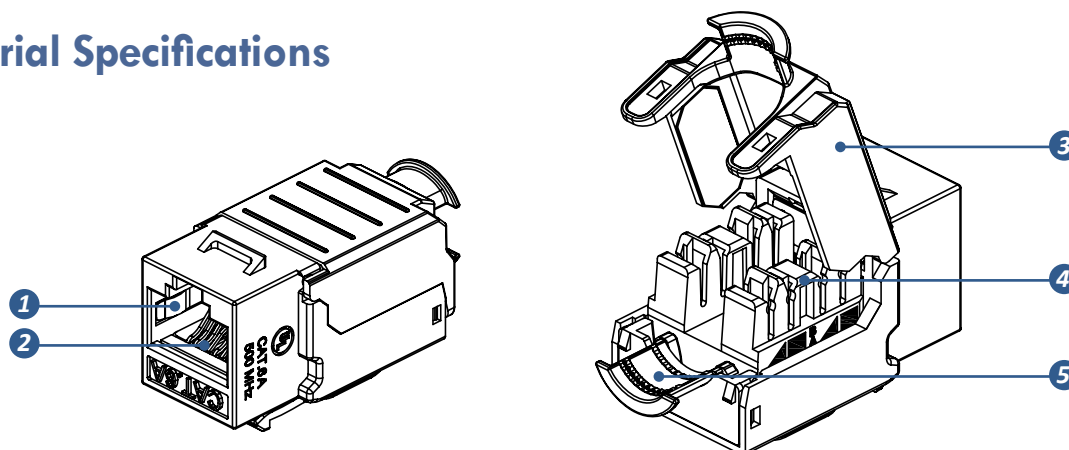


Dimensions (mm)

Tolerance: ± 0.3 mm



Material Specifications



Parts	Specifications
1. Grounding contacts	Stainless steel
2. RJ45 jack	
2-1. Housing	Zinc Die-Casting with nickel plating
2-2. Contacts bracket	PBT with glass fiber, UL94V-0
2-3. Contacts material	Phosphor bronze with nickel plating
2-4. Contacts gold plating	50 micro-inch gold plating on surface of plug contact area
3. Cap	Zinc Die-Casting with nickel plating
4. IDCs	
4-1. Housing	Polycarbonate, UL94V-2, grey color
4-2. Terminals	Phosphor bronze with tin plating
5. Grounding block	Zinc Die-Casting with nickel plating
6. IDC-Cap	Polycarbonate, UL94V-2, white color
7. PCB	FR4, UL94V-0

Mechanical Characteristics

- Life (Mating cycles) ≥ 750 cycles
- Mating/Un-mating force ≤ 30 N
- Retention strength 7.7 kg between jack and plug

Installation Information

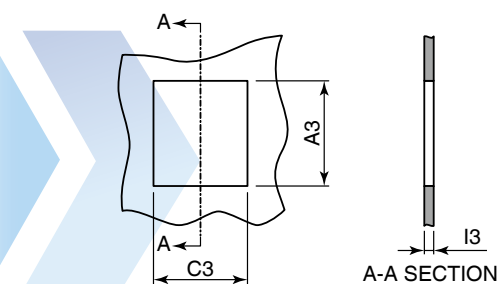
- Wire conductor range Solid and stranded, 23-24 AWG
- Cable O.D. range 5.0 mm to 8.5 mm
- IDC re-installing cycles ≥ 20 cycles
- Installing temperature 0°C to 50°C (32°F to 122°F)
- Storage temperature -40°C to 70°C (-40°F to 158°F)
- Operating temperature -10°C to 60°C (14°F to 140°F)
- Humidity 10% to 90% RH

Electrical Characteristics

Contact resistance	≤ 20 m Ω , from initial
Insulation resistance	≥ 500 M Ω at 100 Vdc, for 60 s
Voltage proof	Contact to contact 1000 Vdc, contact to shield 1500 Vdc, for 60 s
Current carrying capacity	1.0 A at 60°C (140°F)
UL voltage rating	150 V
PoE	60 Vdc, IEEE 802.3bt Type 4 PoE++ (4PPoE) 100 W

Mounting Dimensions

Letter	Max. mm	Min. mm
A3	19.61	19.30
C3	15.04	14.78
I3	1.54	1.22



90° Economic Keystone Jack, Punch-Down



Features

- High headroom on ANSI/TIA-568.2-D and ISO/IEC 11801-1 Channel and Permanent-Link including the 4PPoE performance
- Economic solution for installing into the Face Plate or Surface Mounted Box
- UL 1863 verified
- Power over HDBaseT™ (PoH) applications up to 100 W
- Suitable for 110 and Krone Punch-Down tool, T568A & B wiring

Standards Compliance

- ANSI/TIA-568.2-D
- ISO/IEC 11801-1, Class D/E
- IEC 60603-7, IEC 60603-7-1
- IEC 60512-99-002
- IEEE 802.3bt Type 4 PoE++ (4PPoE) 100 W
- ANSI/TIA-1096-A (formerly FCC Part 68)
- UL1863
- RoHS/REACH compliant

Part Number Descriptions

AADCC 01113 310XX	KJ8 B-CE-US/XX	90° Cat.5E UTP Economic Keystone Jack, Punch-Down
AADCC 01114 310XX	KJ8 B-C6-US/XX	90° Cat.6 UTP Economic Keystone Jack, Punch-Down
AADCC 02113 33015	KJ8 B-CE-FS	90° Cat.5E STP Economic Keystone Jack, Punch-Down
AADCC 02114 33015	KJ8 B-C6-FS	90° Cat.6 STP Economic Keystone Jack, Punch-Down

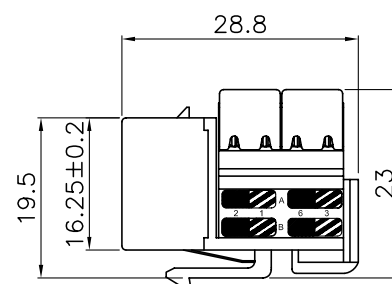
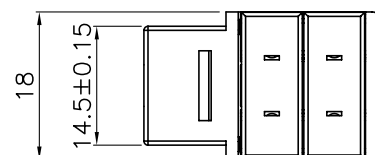
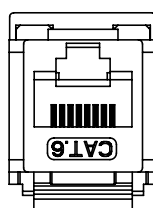
XX = Housing color, 01=Black, 02=Grey(RAL7030), 03=Red(RAL3003), 05=White(RAL9003), 06=Yellow(RAL1018), 07=Blue(RAL5012), 08=Green(RAL6016), 09=Orange(RAL2012), 13=Ivory(RAL1014)

Packing Information

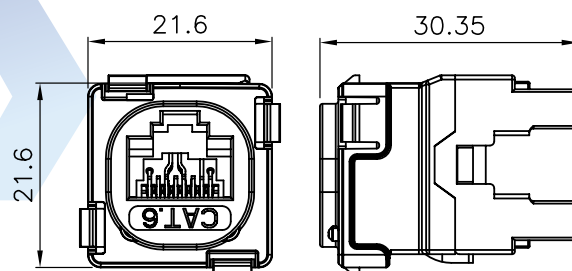
- 1 keystone jack, 2 IDC-Cap & 1 Cable-Tie per bag
- 50 bags, 1 Punch-Support-Fixture & 1 Installation-Instruction per box
- 10 boxes per carton (500 pcs/carton)
- Net weight UTP: 4.6 kgs/FTP: 7.0 kgs per carton
- Gross weight UTP: 7.8 kgs/FTP: 10.1 kgs per carton
- Carton size L48.0 x W39.0 x H25.3cm, 1.67 CUFT, 0.047CBM

Dimensions (mm)

Tolerance: ± 0.3 mm



Australian Style Keystone Jack



AADDA 01113 31005

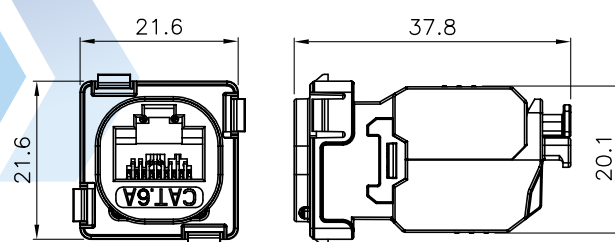
KJ19-CE-US/WH

180° Cat.5E UTP Permanent-Link Keystone Jack, Australian style, Punch-Down

AADDA 01114 31005

KJ19-C6-US/WH

180° Cat.6 UTP Permanent-Link Keystone Jack, Australian style, Punch-Down

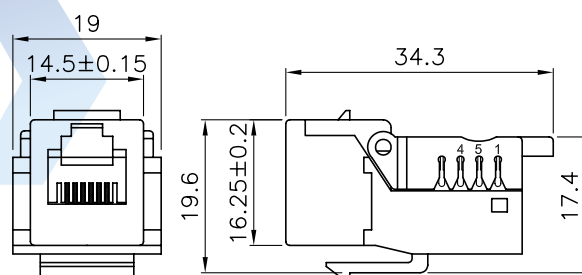


AADBD 01116 03005

KJ19F-C6A-US/WH

180° Cat.6A UTP Permanent-Link Keystone Jack, Australian style, Tool-Free

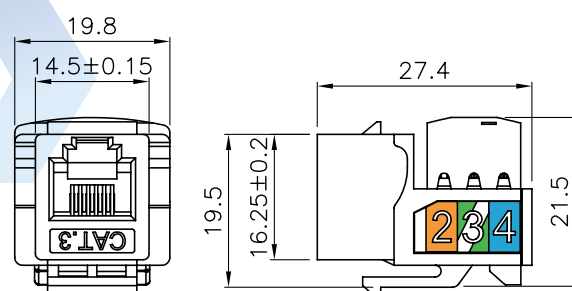
Voice Keystone Jack



AADAC 01311 03005

KJ15-C3-US/WH

90° Cat.3 UTP 6P6C Keystone Jack, Tool-Free



AADCB 01311 11105

KJ3-C3-66US/WHN

90° Cat.3 UTP 6P6C Keystone Jack, Punch-Down

UTP In-Line Coupler



Features

- ETL verified 4-connector Channel ANSI/TIA-568.2-C.2 Cat.6 and ISO/IEC 11801-1 class E performance
- Easy and quick to connect networking system
- Power over HDBaseT™ (PoH) applications up to 100 W
- UL 1863 verified

Standards Compliance

- ANSI/TIA-568.2-D
- ISO/IEC 11801-1, Class D/E
- IEC 60603-7
- IEC 60512-99-002
- IEEE 802.3bt Type 4 PoE++ (4PPoE) 100 W
- ANSI/TIA-1096-A (formerly FCC Part 68)
- UL1863
- RoHS/REACH compliant

Part Number Descriptions

AAEBB 01011 311XX JE315A-CE/XX Cat.5E UTP In-Line coupler

AAEBB 01011 411XX JE315A-C6/XX Cat.6 UTP In-Line coupler

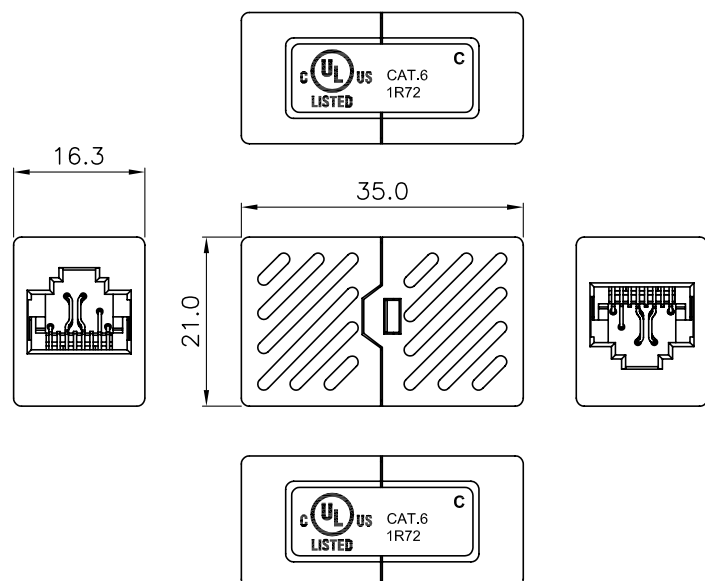
XX = Housing color, 01=Black, 05=White(RAL9003)

Packing Information

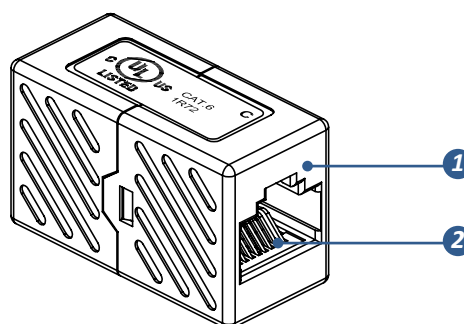
- 1 coupler per bag
- 50 bags per box
- 10 boxes per carton (500 pcs/carton)
- Net weight 4.1 kgs per carton
- Gross weight 4.8 kgs per carton
- Carton size L54.0 x W33.5 x H13.5cm, 0.86 CUFT, 0.024CBM

Dimensions (mm)

Tolerance: ± 0.3 mm



Material Specifications



Parts	Specifications
1. RJ45 jack	
1-1. Housing	ABS, UL94V-0, optional color
1-2. Contacts bracket	Polycarbonate, UL94V-2, transparent color
2. RJ45 contacts	
2-1. Material	Phosphor bronze with nickel plating
2-2. Gold plating	50 micro-inch gold plating on surface of plug contact area
3. PCB	FR4, UL94V-0

Mechanical Characteristics

- Life (Mating cycles) ≥ 750 cycles
- Mating/Un-mating force ≤ 20 N
- Retention strength 7.7 kg between jack and plug

Installation Information

- Installing temperature 0°C to 50°C (32°F to 122°F)
- Storage temperature -40°C to 70°C (-40°F to 158°F)
- Operating temperature -10°C to 60°C (14°F to 140°F)
- Humidity 10% to 90% RH

Electrical Characteristics

Contact resistance	$\leq 20\text{ m}\Omega$, from initial
Insulation resistance	$\geq 500\text{ M}\Omega$ at 100 Vdc, for 60 s
Voltage proof	Contact to contact 1000 Vdc, for 60 s
Current carrying capacity	1.0 A at 60°C (140°F)
UL voltage rating	150 V
PoE	60 Vdc, 4PPoE 100 W, IEEE802.3bt type 4

STP In-Line Coupler



Features

- ETL verified 4-connector Channel ANSI/TIA-568.2-D Cat.6A and ISO/IEC 11801-1 class EA performance
- Easy and quick to connect networking system
- Power over HDBaseT™ (PoH) applications up to 100 W
- UL 1863 verified

Standards Compliance

- ANSI/TIA-568.2-D
- ISO/IEC 11801-1, Class D/E/EA
- IEC 60603-7-1
- IEC 60512-99-002
- IEEE 802.3bt Type 4 PoE++ (4PPoE) 100 W
- ANSI/TIA-1096-A (formerly FCC Part 68)
- UL1863
- RoHS/REACH compliant

Part Number Descriptions

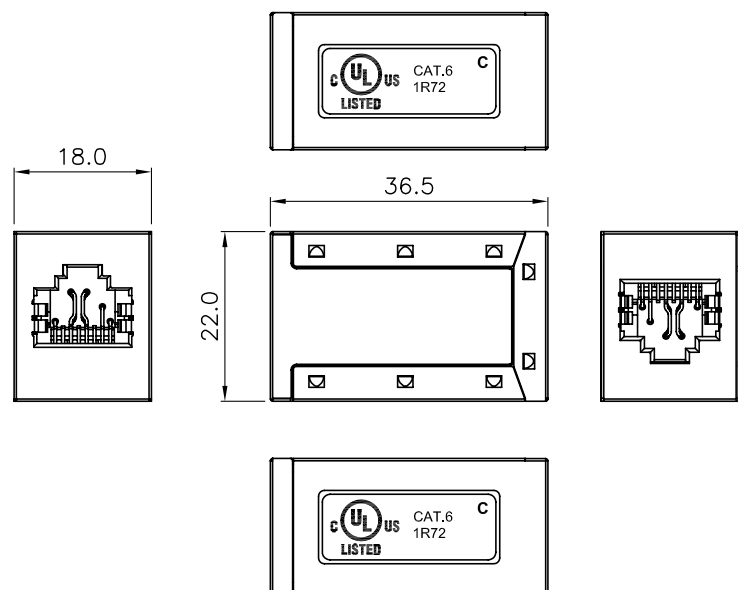
AAEBB 01011 31215	JE315AS-CE	Cat.5E STP In-Line coupler
AAEBB 01011 41215	JE315AS-C6	Cat.6 STP In-Line coupler
AAEBB 01011 51215	JE315AS-6A	Cat.6A STP In-Line coupler

Packing Information

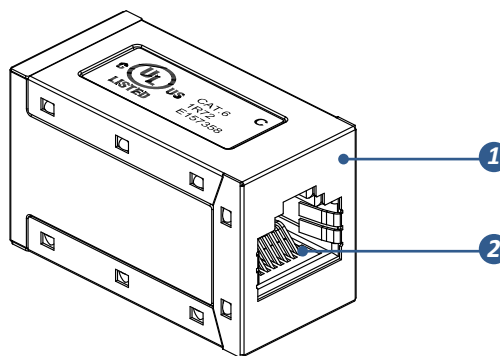
- 1 coupler per bag
- 50 bags per box
- 10 boxes per carton (500 pcs/carton)
- Net weight 9.0 kgs per carton
- Gross weight 9.8 kgs per carton
- Carton size L54.0 x W33.5 x H13.5cm, 0.86 CUFT, 0.024CBM

Dimensions (mm)

Tolerance: ± 0.3 mm



Material Specifications



Parts	Specifications
1. Shield	Brass with nickel plating
2. RJ45 jack	
2-1. Housing	ABS, UL94V-0, black color
2-2. Contacts bracket	Polycarbonate, UL94V-2, transparent color
2-3. Contacts material	Phosphor bronze with nickel plating
2-4. Contacts gold plating	50 micro-inch gold plating on surface of plug contact area
3. PCB	FR4, UL94V-0

Mechanical Characteristics

- Life (Mating cycles) ≥ 750 cycles
- Mating/Un-mating force ≤ 30 N
- Retention strength 7.7 kg between jack and plug

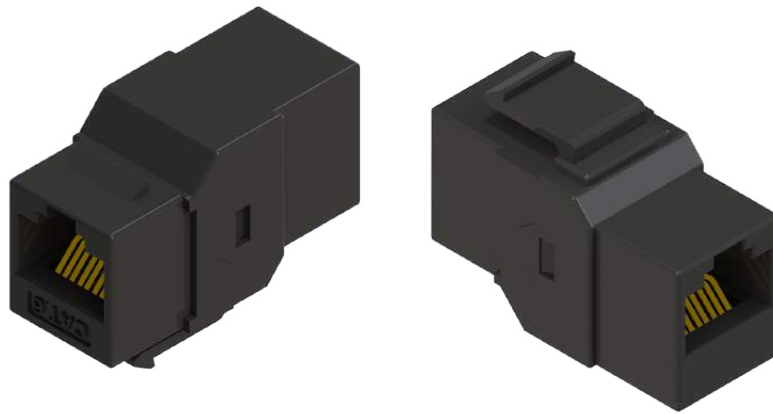
Installation Information

- Installing temperature 0°C to 50°C (32°F to 122°F)
- Storage temperature -40°C to 70°C (-40°F to 158°F)
- Operating temperature -10°C to 60°C (14°F to 140°F)
- Humidity 10% to 90% RH

Electrical Characteristics

Contact resistance	$\leq 20\text{ m}\Omega$, from initial
Insulation resistance	$\geq 500\text{ M}\Omega$ at 100 Vdc, for 60 s
Voltage proof	Contact to contact 1000 Vdc, contact to shield 1500 Vdc, for 60 s
Current carrying capacity	1.0 A at 60°C (140°F)
UL voltage rating	150 V
PoE	60 Vdc, 4PPoE 100 W, IEEE802.3bt type 4

UTP In-line Coupler Keystone Jack Type



Features

- ETL verified 4-connector Channel ANSI/TIA-568.2-D Cat.6 and ISO/IEC 11801-1 class E performance
- Easy and quick to connect networking system
- Power over HDBaseT™ (PoH) applications up to 100 W
- UL 1863 verified

Standards Compliance

- ANSI/TIA-568.2-D
- ISO/IEC 11801-1, Class D/E
- IEC 60603-7
- IEC 60512-99-002
- IEEE 802.3bt Type 4 PoE++ (4PPoE) 100 W
- ANSI/TIA-1096-A (formerly FCC Part 68)
- UL1863
- RoHS/REACH compliant

Part Number Descriptions

AAEAB 00011 311XX **KJ9A-CE/XX** Cat.5E UTP In-Line Coupler Keystone Jack Type

AAEAB 00011 411XX **KJ9A-C6/XX** Cat.6 UTP In-Line Coupler Keystone Jack Type

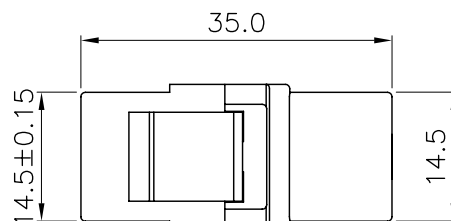
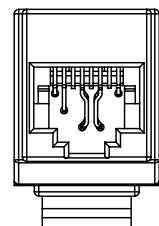
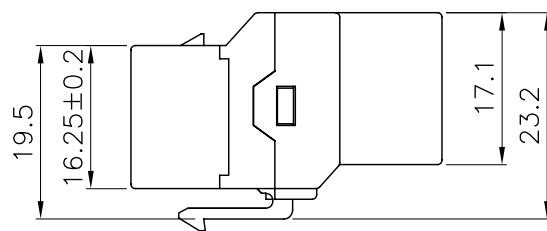
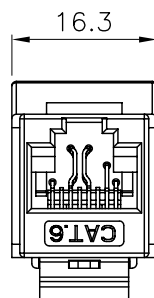
XX = Housing color, 01=Black, 05=White(RAL9003)

Packing Information

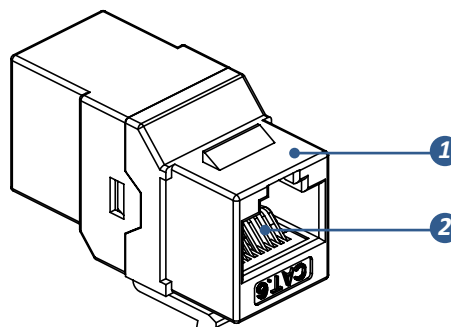
- 1 coupler per bag
- 50 bags per box
- 10 boxes per carton (500 pcs/carton)
- Net weight 3.5 kgs per carton
- Gross weight 5.5 kgs per carton
- Carton size L48.0 x W39.0 x H25.3cm, 1.67 CUFT, 0.047CBM

Dimensions (mm)

Tolerance: ± 0.3 mm



Material Specifications



Parts	Specifications
1. RJ45 jack	
1-1. Housing	ABS/PC, UL94V-0, optional color
1-2. Contacts bracket	Polycarbonate, UL94V-2, transparent color
2. RJ45 contacts	
2-1. Material	Phosphor bronze with nickel plating
2-2. Gold plating	50 micro-inch gold plating on surface of plug contact area
3. PCB	FR4, UL94V-0

Mechanical Characteristics

- Life (Mating cycles) ≥ 750 cycles
- Mating/Un-mating force ≤ 20 N
- Retention strength 7.7 kg between jack and plug

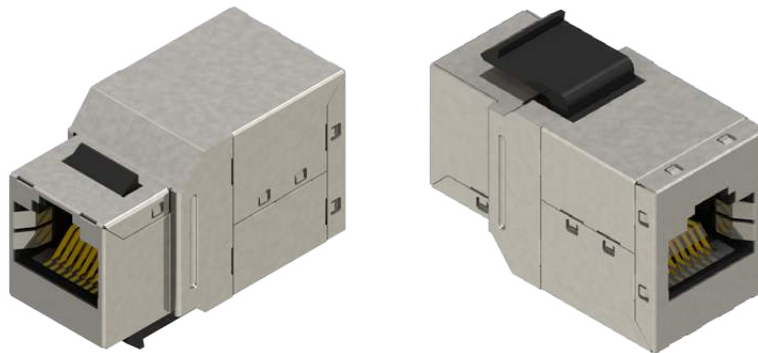
Installation Information

- Installing temperature 0°C to 50°C (32°F to 122°F)
- Storage temperature -40°C to 70°C (-40°F to 158°F)
- Operating temperature -10°C to 60°C (14°F to 140°F)
- Humidity 10% to 90% RH

Electrical Characteristics

Contact resistance	$\leq 20\text{ m}\Omega$, from initial
Insulation resistance	$\geq 500\text{ M}\Omega$ at 100 Vdc, for 60 s
Voltage proof	Contact to contact 1000 Vdc, for 60 s
Current carrying capacity	1.0 A at 60°C (140°F)
UL voltage rating	150 V
PoE	60 Vdc, 4PPoE 100 W, IEEE802.3bt type 4

STP In-Line Coupler Keystone Jack Type



Features

- ETL verified 4-connector Channel ANSI/TIA-568.2-D Cat.6A and ISO/IEC 11801-1 class EA performance
- Easy and quick to connect networking system
- Power over HDBaseT™ (PoH) applications up to 100 W
- UL 1863 verified

Standards Compliance

- ANSI/TIA-568.2-D
- ISO/IEC 11801-1, Class D/E/EA
- IEC 60603-7-1
- IEC 60512-99-002
- IEEE 802.3bt Type 4 PoE++ (4PPoE) 100 W
- ANSI/TIA-1096-A (formerly FCC Part 68)
- UL1863
- RoHS/REACH compliant

Part Number Descriptions

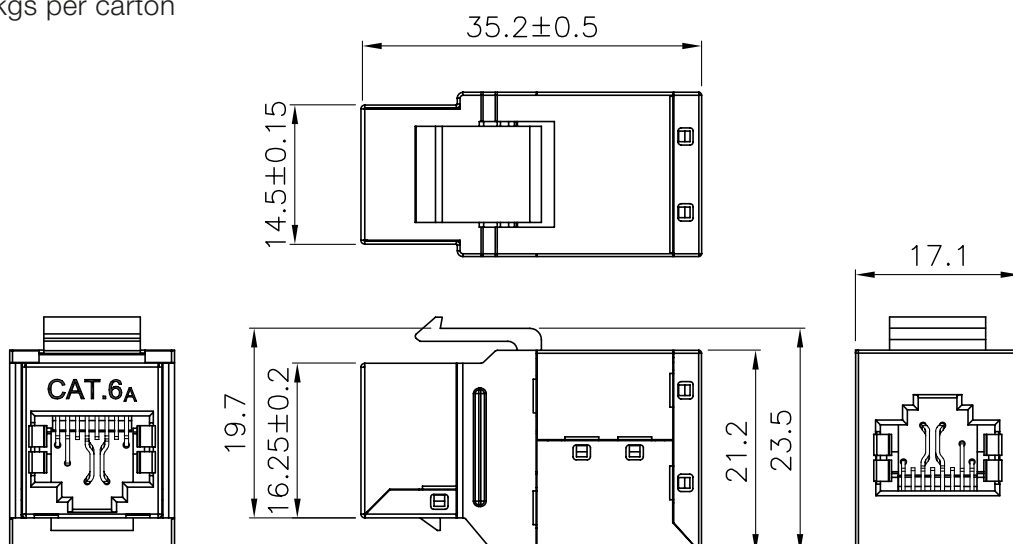
AAEAB 00011 31215	KJ9AS-CE	Cat.5E STP In-Line Coupler Keystone Jack Type
AAEAB 00011 41215	KJ9AS-C6	Cat.6 STP In-Line Coupler Keystone Jack Type
AAEAB 00011 51215	KJ9AS-6A	Cat.6A STP In-Line Coupler Keystone Jack Type

Packing Information

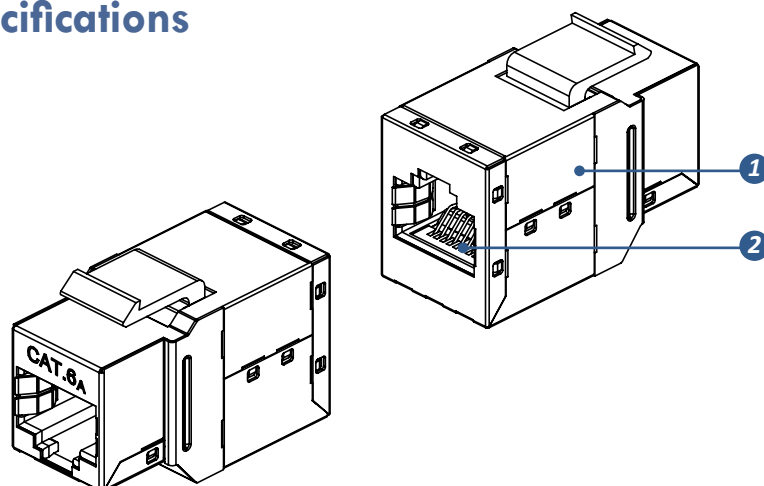
- 1 coupler per bag
- 50 bags per box
- 10 boxes per carton (500 pcs/carton)
- Net weight 7.3 kgs per carton
- Gross weight 9.3 kgs per carton
- Carton size L48.0 x W39.0 x H25.3cm, 1.67 CUFT, 0.047CBM

Dimensions (mm)

Tolerance: ± 0.3 mm



Material Specifications



Parts	Specifications
1. Shield	Brass with nickel plating
2. RJ45 jack	
2-1. Housing	ABS/PC, UL94V-0, black color
2-2. Contacts bracket	Polycarbonate, UL94V-2, transparent color
2-3. Contacts material	Phosphor bronze with nickel plating
2-4. Contacts gold plating	50 micro-inch gold plating on surface of plug contact area
3. PCB	FR4, UL94V-0

Mechanical Characteristics

- Life (Mating cycles) ≥ 750 cycles
- Mating/Un-mating force ≤ 30 N
- Retention strength 7.7 kg between jack and plug

Installation Information

- Installing temperature 0°C to 50°C (32°F to 122°F)
- Storage temperature -40°C to 70°C (-40°F to 158°F)
- Operating temperature -10°C to 60°C (14°F to 140°F)
- Humidity 10% to 90% RH

Electrical Characteristics

Contact resistance	$\leq 20\text{ m}\Omega$, from initial
Insulation resistance	$\geq 500\text{ M}\Omega$ at 100 Vdc, for 60 s
Voltage proof	Contact to contact 1000 Vdc, contact to shield 1500 Vdc, for 60 s
Current carrying capacity	1.0 A at 60°C (140°F)
UL voltage rating	150 V
PoE	60 Vdc, 4PPoE 100 W, IEEE802.3bt type 4

Water-Proof Cat.6A STP In-Line Coupler



Features

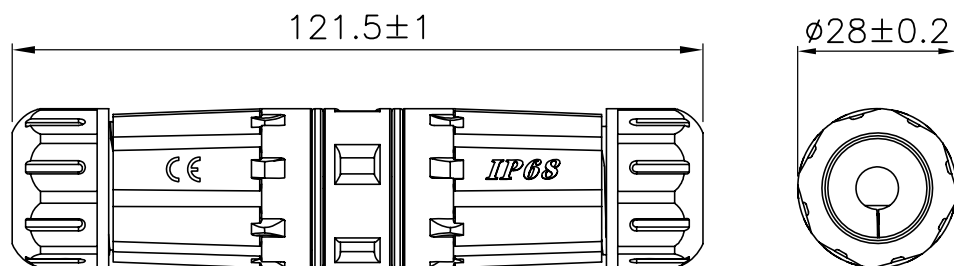
- Quick and easy In-Field installation for Water-Proof applications
- Compliant with the ANSI/TIA-568.2-D Cat.6 Channel and ISO/IEC 11801-1 Cat.6A Class EA performance

Part Number Descriptions

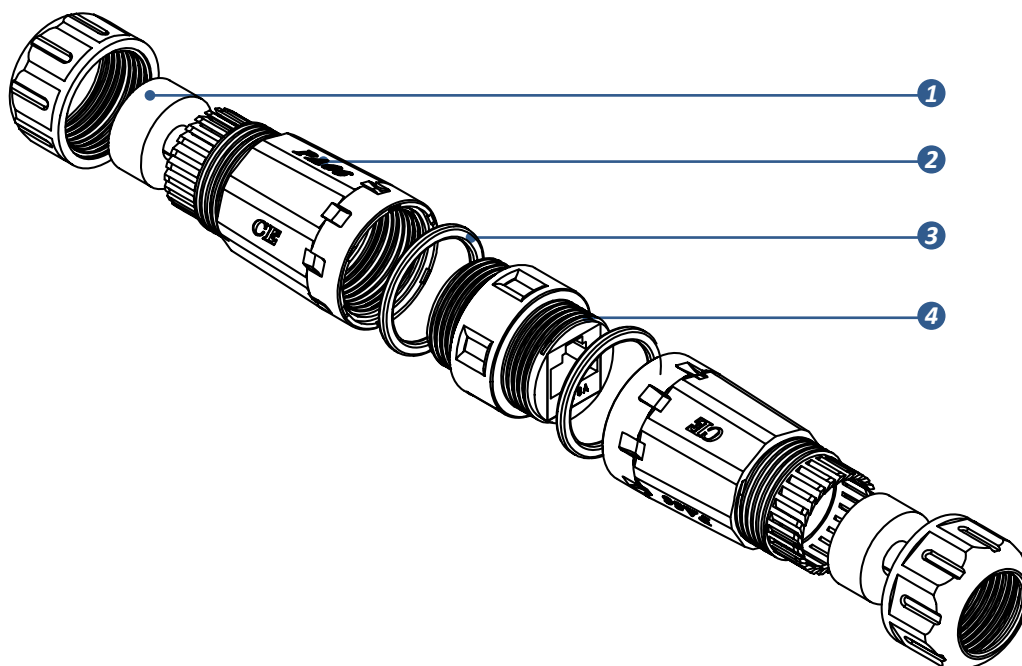
AAECA 02011 51215 JE501-6A-FS Water-Proof In-Line Coupler, Cat.6A STP

Dimensions (mm)

Tolerance: ± 0.3 mm



Material Specifications



Parts	Specifications
1. Water-proof ring 1	Rubber
2. Housing	PA66
3. Water-Proof ring 2	Silicone
4. RJ45 jack	
4-1. Contacts material	Phosphor bronze with nickel plating
4-2. Contacts gold plating	50 micro-inch gold plating on surface of plug contact area

Mechanical Characteristics

- Jack Life (Mating cycles) ≥ 750 cycles

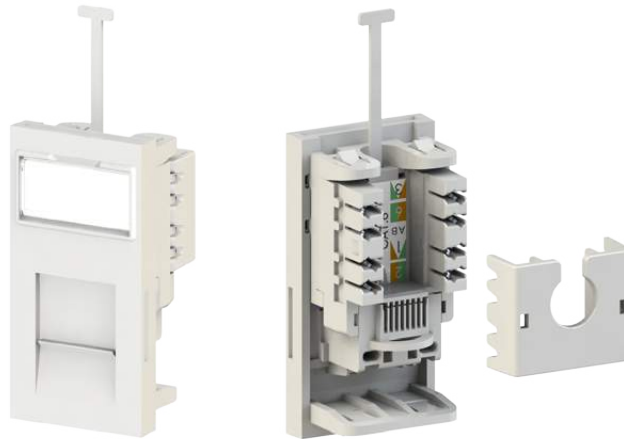
Installation Information

- Installing temperature 0°C to 50°C (32°F to 122°F)
- Storage temperature -40°C to 85°C (-40°F to 185°F)
- Operating temperature 0°C to 70°C (32°F to 158°F)
- IPxx grade IP68

Electrical Characteristics

Contact resistance	$\leq 100\text{ m}\Omega$, from initial
Insulation resistance	$\geq 500\text{ M}\Omega$ at 100 Vdc, for 60 s
Voltage proof	1000 Vdc, for 60 s
Current rating	1.0A at 60°C (140°F)
Voltage rating	125 V

UTP UK Module



Features

- High headroom on ANSI/TIA-568.2-D and ISO/IEC 11801-1 Channel and Permanent-Link including the 4PPoE performance
- Low profile size
- Hinged and clear ID plate design
- Flexible cable-holder design(Pig-tail) enhanced the reliable installation
- UL 1863 verified
- Both Krone IDC or Krone-110 dual IDC are available, T568A & B wiring
- Power over HDBaseT™ (PoH) applications up to 100 W

Standards Compliance

- ANSI/TIA-568.2-D
- ISO/IEC 11801-1, Class D/E
- IEC 60603-7
- IEC 60512-99-002
- IEEE 802.3bt Type 4 PoE++ (4PPoE) 100 W
- ANSI/TIA-1096-A (formerly FCC Part 68)
- UL1863
- RoHS/REACH compliant

Part Number

Descriptions

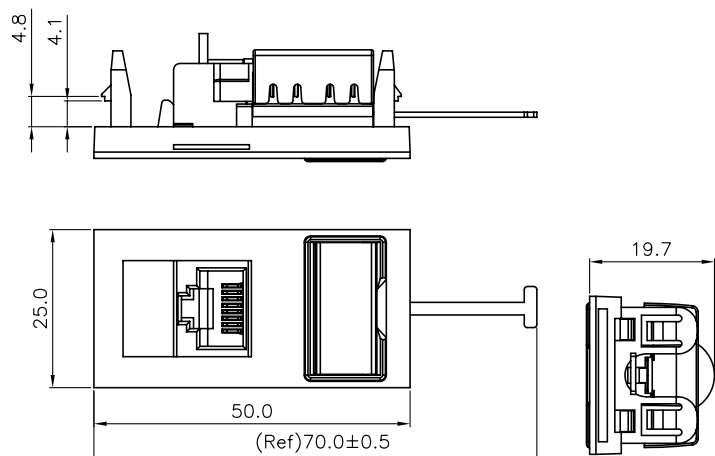
AAIBA 00031 34005	NJE333-KRO-CE/WH	Cat.5E UTP UK Module, Krone IDC, white color
AAIBA 00031 35005	NJE333-KAA-CE/WH	Cat.5E UTP UK Module, Krone-110 dual IDC, white color
AAIBA 00031 44005	NJE333-KRO-C6/WH	Cat.6 UTP UK Module, Krone IDC, white color
AAIBA 00031 45005	NJE333-KAA-C6/WH	Cat.6 UTP UK Module, Krone-110 dual IDC, white color

Packing Information

- 1 module, 1 IDC-Cap & 1 Cable-Tie per bag
- 50 bags and 1 Installation-Instruction per box
- 10 boxes per carton (500 pcs/carton)
- Net weight 5.7 kgs per carton
- Gross weight 7.2 kgs per carton
- Carton size L41.3 x W38.1 x H20.3cm, 1.13 CUFT, 0.032CBM

Dimensions (mm)

Tolerance: ± 0.3 mm



Material Specifications



Parts	Specifications
1. ID plate	Polycarbonate, UL94V-0, transparent color
2. Front frame	ABS, UL94-HB, white color
3. RJ45 jack	
3-1. Housing	ABS, UL94-HB, white color
3-2. Contact bracket	Polycarbonate, UL94V-0, transparent color
3-3. Contact material	Phosphor bronze with nickel plating
3-4. Gold plating	50 micro-inch gold plating on surface of plug contact area
4. Shutter	ABS, UL94-HB, white color
5. Cable-Holder	PP, UL94V-2, white color
6. IDCs	
6-1. Housing	Polycarbonate, UL94V-2, white color
6-2. Terminals	Phosphor bronze with tin plating
7. IDC-Cap	ABS, UL94-HB, white color
8. PCB	FR4, UL94V-0

Mechanical Characteristics

- Life (Mating cycles) ≥ 750 cycles
- Mating/Un-mating force ≤ 20 N
- Retention strength 7.7 kg between jack and plug

Installation Information

- Wire conductor range Solid and stranded, 23-26 AWG
- Cable O.D. range 5.0 mm to 8.5 mm
- IDC re-installing cycles ≥ 20 cycles
- Punch-Down tool
Krone type IDC : Krone Punch-Down tool
Krone-110 dual IDC : Krone or 110 Punch-Down tool
- Installing temperature 0°C to 50°C (32°F to 122°F)
- Storage temperature -40°C to 70°C (-40°F to 158°F)
- Operating temperature -10°C to 60°C (14°F to 140°F)
- Humidity 10% to 90% RH

Electrical Characteristics

Contact resistance	≤ 20 m Ω , from initial
Insulation resistance	≥ 500 M Ω at 100 Vdc, for 60 s
Voltage proof	Contact to contact 1000 Vdc, for 60 s
Current carrying capacity	1.0 A at 60°C (140°F)
UL voltage rating	150 V
PoE	60 Vdc, IEEE 802.3bt Type 4 PoE++ (4PPoE) 100 W

UK LJ6C Module



Features

- High headroom on ANSI/TIA-568.2-D and ISO/IEC 11801-1 Channel and Permanent-Link including the 4PPoE performance
- Low profile and short size fits for floor box
- Hinged and clear ID plate design
- Flexible cable-holder design(Pig-tail) enhanced reliable installation
- UL 1863 verified
- Both Krone IDC or Krone-110 dual IDC are available, T568A & B wiring
- Power over HDBaseT™ (PoH) applications up to 100 W

Standards Compliance

- ANSI/TIA-568.2-D
- ISO/IEC 11801-1, Class D/E
- IEC 60603-7
- IEC 60512-99-002
- IEEE 802.3bt Type 4 PoE++ (4PPoE) 100 W
- ANSI/TIA-1096-A (formerly FCC Part 68)
- UL1863
- RoHS/REACH compliant

Part Number

Descriptions

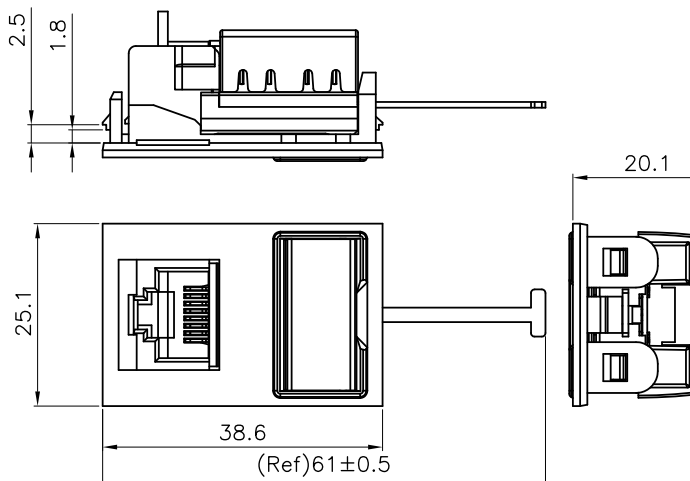
AAIAA 00031 34005	NJE333A-KRO-CE/WH	Cat.5E UTP UK Module, LJ6C, Krone IDC, white color
AAIAA 00031 35005	NJE333A-KAA-CE/WH	Cat.5E UTP UK Module, LJ6C, Krone-110 dual IDC, white color
AAIAA 00031 44005	NJE333A-KRO-C6/WH	Cat.6 UTP UK Module, LJ6C, Krone IDC, white color
AAIAA 00031 45005	NJE333A-KAA-C6/WH	Cat.6 UTP UK Module, LJ6C, Krone-110 dual IDC, white color

Packing Information

- 1 module, 1 IDC-Cap & 1 Cable-Tie per bag
- 50 bags and 1 Installation-Instruction per box
- 10 boxes per carton (500 pcs/carton)
- Net weight 4.9 kgs per carton
- Gross weight 6.4 kgs per carton
- Carton size L41.3 x W38.1 x H20.3cm, 1.13 CUFT, 0.032CBM

Dimensions (mm)

Tolerance: ± 0.3 mm



Material Specifications



Parts	Specifications
1. ID plate	Polycarbonate, UL94V-0, transparent color
2. Front frame	ABS, UL94-HB, white color
3. RJ45 jack	
3-1. Housing	ABS, UL94-HB, white color
3-2. Contact bracket	Polycarbonate, UL94V-0, transparent color
3-3. Contact material	Phosphor bronze with nickel plating
3-4. Gold plating	50 micro-inch gold plating on surface of plug contact area
4. Shutter	ABS, UL94-HB, white color
5. Cable-Holder	PP, UL94V-2, white color
6. IDCs	
6-1. Housing	Polycarbonate, UL94V-2, white color
6-2. Terminals	Phosphor bronze with tin plating
7. IDC-Cap	ABS, UL94-HB, white color
8. PCB	FR4, UL94V-0

Mechanical Characteristics

- Life (Mating cycles) ≥ 750 cycles
- Mating/Un-mating force ≤ 20 N
- Retention strength 7.7 kg between jack and plug

Installation Information

- Wire conductor range Solid and stranded, 23-26 AWG
- Cable O.D. range 5.0 mm to 8.5 mm
- IDC re-installing cycles ≥ 20 cycles
- Punch-Down tool
Krone type IDC : Krone Punch-Down tool
Krone-110 dual IDC : Krone or 110 Punch-Down tool
- Installing temperature 0°C to 50°C (32°F to 122°F)
- Storage temperature -40°C to 70°C (-40°F to 158°F)
- Operating temperature -10°C to 60°C (14°F to 140°F)
- Humidity 10% to 90% RH

Electrical Characteristics

Contact resistance	≤ 20 m Ω , from initial
Insulation resistance	≥ 500 M Ω at 100 Vdc, for 60 s
Voltage proof	Contact to contact 1000 Vdc, for 60 s
Current carrying capacity	1.0 A at 60°C (140°F)
UL voltage rating	150 V
PoE	60 Vdc, IEEE 802.3bt Type 4 PoE++ (4PPoE) 100 W

UTP UK Module, Angled Type



Features

- High headroom on ANSI/TIA-568.2-D and ISO/IEC 11801-1 Channel and Permanent-Link including the 4PPoE performance
- Low profile size
- Hinged and clear ID plate design
- Flexible cable-holder design(Pig-tail) enhanced the reliable installation
- UL 1863 verified
- Both Krone IDC or Krone-110 dual IDC are available, T568A & B wiring
- Power over HDBaseT™ (PoH) applications up to 100 W

Standards Compliance

- ANSI/TIA-568.2-D
- ISO/IEC 11801-1, Class D/E
- IEC 60603-7
- IEC 60512-99-002
- IEEE 802.3bt Type 4 PoE++ (4PPoE) 100 W
- ANSI/TIA-1096-A (formerly FCC Part 68)
- UL1863
- RoHS/REACH compliant

Part Number Descriptions

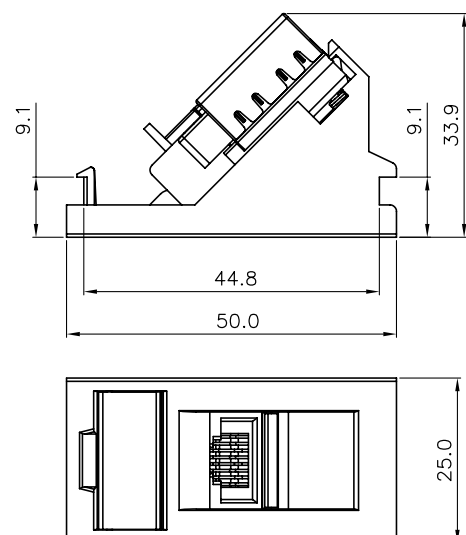
AAIBD 00031 34004	NJE344-KRO-CE/WH1	Cat.5E UTP UK Module, Angled, Krone IDC, UK white color
AAIBD 00031 35004	NJE344-KAA-CE/WH1	Cat.5E UTP UK Module, Angled, Krone-110 dual IDC, UK white color
AAIBD 00031 44004	NJE344-KRO-C6/WH1	Cat.6 UTP UK Module, Angled, Krone IDC, UK white color
AAIBD 00031 45004	NJE344-KAA-C6/WH1	Cat.6 UTP UK Module, Angled, Krone-110 dual IDC, UK white color

Packing Information

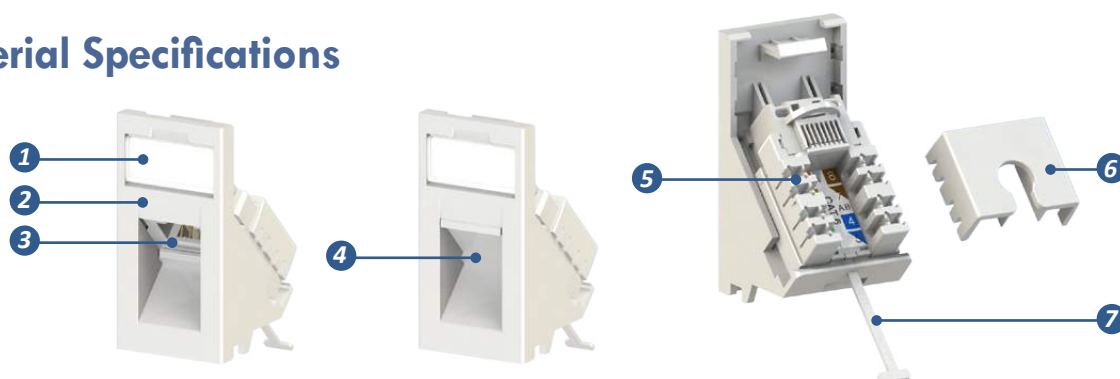
- 1 module, 1 IDC-Cap & 1 Cable-Tie per bag
- 50 bags and 1 Installation-Instruction per box
- 10 boxes per carton (500 pcs/carton)
- Net weight 5.7 kgs per carton
- Gross weight 7.2 kgs per carton
- Carton size L41.3 x W38.1 x H20.3cm, 1.13 CUFT, 0.032CBM

Dimensions (mm)

Tolerance: ± 0.3 mm



Material Specifications



Parts	Specifications
1. ID plate	Polycarbonate, UL94V-0, transparent color
2. Front frame	ABS, UL94-HB, white color
3. RJ45 jack	
3-1. Housing	ABS, UL94-HB, white color
3-2. Contact bracket	Polycarbonate, UL94V-0, transparent color
3-3. Contact material	Phosphor bronze with nickel plating
3-4. Gold plating	50 micro-inch gold plating on surface of plug contact area
4. Shutter	ABS, UL94-HB, white color
5. IDCs	
5-1. Housing	Polycarbonate, UL94V-2, white color
5-2. Terminals	Phosphor bronze with tin plating
6. IDC-Cap	ABS, UL94-HB, white color
7. Cable-Holder	PP, UL94V-2, white color
8. PCB	FR4, UL94V-0

Mechanical Characteristics

- Life (Mating cycles) ≥ 750 cycles
- Mating/Un-mating force ≤ 20 N
- Retention strength 7.7 kg between jack and plug

Installation Information

- Wire conductor range Solid and stranded, 23-26 AWG
- Cable O.D. range 5.0 mm to 8.5 mm
- IDC re-installing cycles ≥ 20 cycles
- Punch-Down tool
Krone type IDC : Krone Punch-Down tool
Krone-110 dual IDC : Krone or 110 Punch-Down tool
- Installing temperature 0°C to 50°C (32°F to 122°F)
- Storage temperature -40°C to 70°C (-40°F to 158°F)
- Operating temperature -10°C to 60°C (14°F to 140°F)
- Humidity 10% to 90% RH

Electrical Characteristics

Contact resistance	≤ 20 m Ω , from initial
Insulation resistance	≥ 500 M Ω at 100 Vdc, for 60 s
Voltage proof	Contact to contact 1000 Vdc, for 60 s
Current carrying capacity	1.0 A at 60°C (140°F)
UL voltage rating	150 V
PoE	60 Vdc, IEEE 802.3bt Type 4 PoE++ (4PPoE) 100 W

180° Cat.6A UTP Connecting-Hardware Patch Panel 1U-24port, ETL verified



Features

- ETL verified ANSI/TIA 568.2-D Cat.6A Connecting-Hardware including the Cat.6A Alien Cross Talk performance
- ETL verified IEC60512-99-002 4PPoE 100 W
- ETL verified ANSI/TIA 568.2-D CAT.6A and ISO/IEC11801-1 Class EA 4-Connector Channel including the Cat.6A Alien Cross Talk performance
- UL1863 verified
- Pair Separation Tower of 110 IDC design

Standards Compliance

- ANSI/TIA-568.2-D
- ISO/IEC 11801-1, Class EA
- IEC 60603-7
- IEC 60512-99-002
- IEEE 802.3bt Type 4 PoE++ (4PPoE) 100 W
- ANSI/TIA-1096-A (formerly FCC Part 68)
- UL1863
- RoHS/REACH compliant

Part Number Descriptions

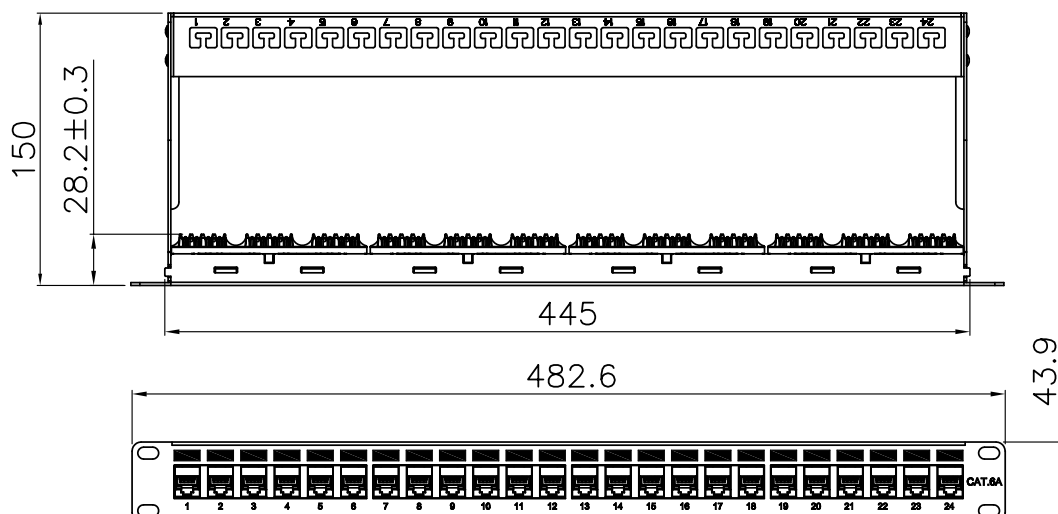
AAAGE 24251 60101 PUA24T-C6A/BK 180° Cat.6A UTP Connecting-Hardware Patch Panel, 1U-24port

Packing Information

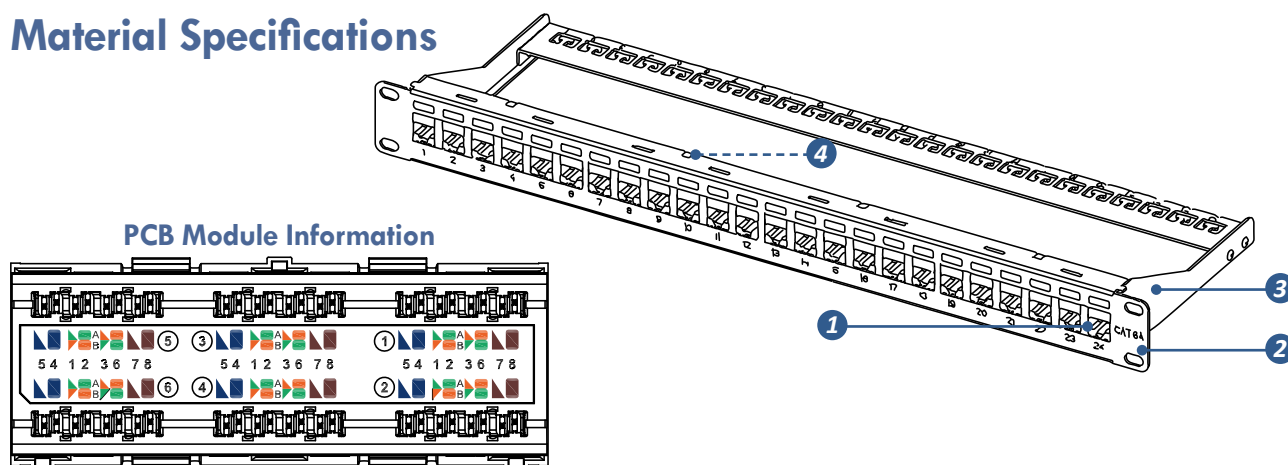
- 1 panel & 1 Installation-Instruction per box
- Gross weight 7.5 kgs per carton
- 6 boxes per carton (6 pcs/carton)
- Carton size L54.5 x W37.5 x H18.0cm,
- Net weight 5.3 kgs per carton
- 1.3 CUFT 0.037CBM

Dimensions (mm)

Tolerance: ± 0.5 mm



Material Specifications



Parts	Specifications
1. RJ45 jack	
1-1. Housing	ABS/PC, UL94V-0
1-2. Contact bracket	Polycarbonate, UL94V-2
1-3. Segregation parts	Brass with nickel plating
1-4. Contacts material	Phosphor bronze with nickel plating
1-5. Contacts gold plating	50 micro-inch gold plating on surface of plug contact area
2. Front panel	SPCC, 1.5 mm thickness with black(RAL9005) color painting
3. Support-Bar	SPCC, 1.5 mm thickness with black(RAL9005) color painting
4. IDC	
4-1. Housing	Polycarbonate, UL94V-2, white color
4-2. Terminals	Phosphor bronze with tin plating
5. PCB	FR4, UL94V-0

Mechanical Characteristics

- Life (Mating cycles) ≥ 750 cycles
- Mating/Un-mating force ≤ 20 N
- Retention strength 7.7 kg between jack and plug

Installation Information

- Wire conductor range Solid and stranded, 23-26 AWG
- Cable O.D. range 5.0 mm to 8.5 mm
- IDC re-installing cycles ≥ 20 cycles
- Punch-Down tool 110 Punch-Down tool
- Installing temperature 0°C to 50°C (32°F to 122°F)
- Storage temperature -40°C to 70°C (-40°F to 158°F)
- Operating temperature -10°C to 60°C (14°F to 140°F)
- Humidity 10% to 90% RH

Electrical Characteristics

Contact resistance	≤ 20 m Ω , from initial
Insulation resistance	≥ 500 M Ω at 100 Vdc, for 60 s
Voltage proof	Contact to contact 1000 Vdc, for 60 s
Current carrying capacity	1.0 A at 60°C (140°F)
UL voltage rating	150 V
PoE	60 Vdc, IEEE 802.3bt Type 4 PoE++ (4PPoE) 100 W

180° Cat.6 UTP Connecting-Hardware Patch Panel 1U-24port, ETL verified



Features

- ETL verified ANSI/TIA 568.2-D Cat.6 Connecting-Hardware performance
- Power over HDBaseT™ (PoH) applications up to 100 W
- UL1863 verified
- Pair Separation Tower of 110 IDC design

Standards Compliance

- ANSI/TIA-568.2-D
- ISO/IEC 11801-1, Class D/E
- IEC 60603-7
- IEC 60512-99-002
- IEEE 802.3bt Type 4 PoE++ (4PPoE) 100 W
- ANSI/TIA-1096-A (formerly FCC Part 68)
- UL1863
- RoHS/REACH compliant

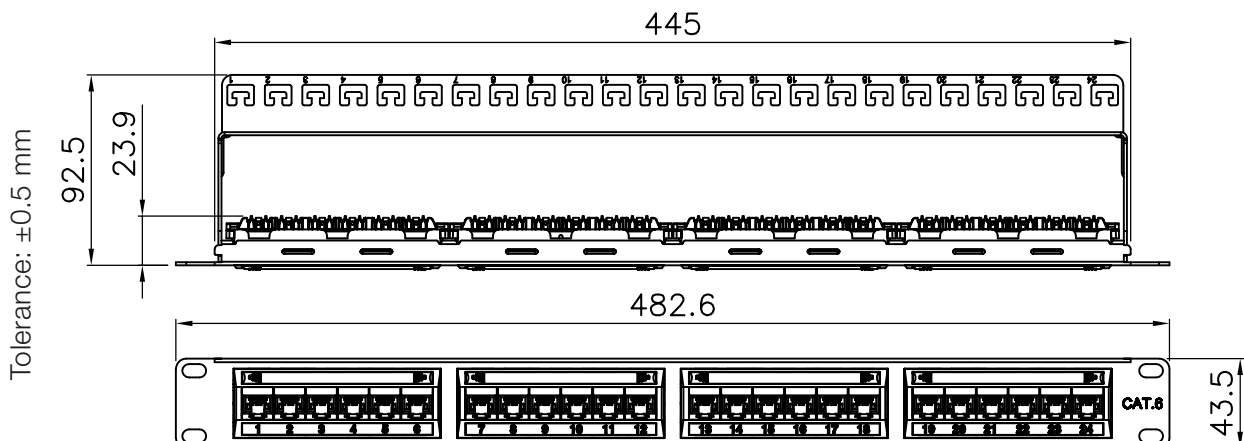
Part Number Descriptions

AAAGC 24051 00101 PNA24T-C6/BK 180° Cat.6 UTP Connecting-Hardware Patch Panel, 1U-24port

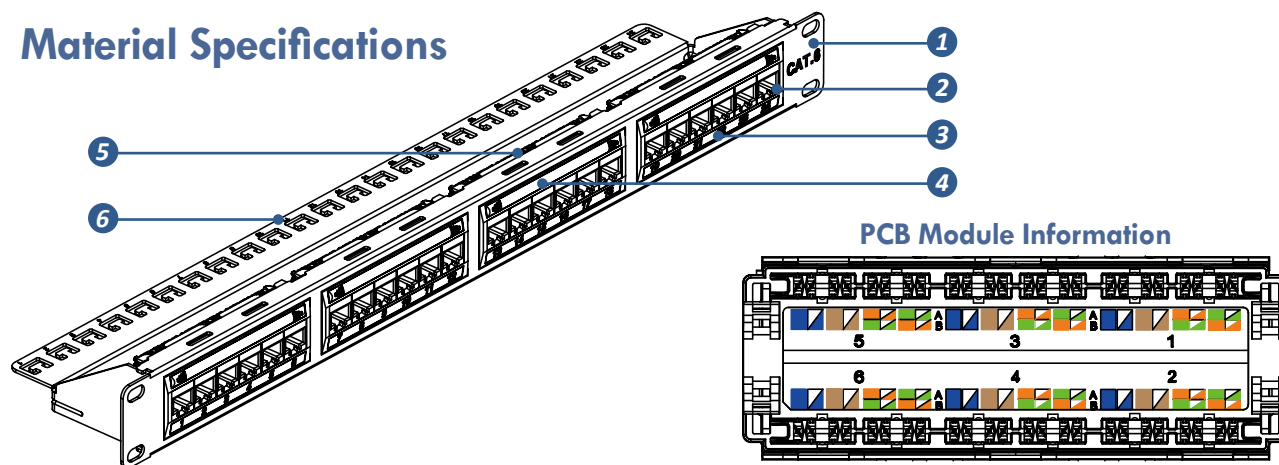
Packing Information

- 1 panel, 25 Cable-Ties & 1 Installation-Instruction per inner box
- 9 inner boxes per carton (9 pcs/carton)
- Net weight: 5.5 kgs per carton
- Gross weight: 7.9 kgs per carton
- Carton size L54.5 x W40.0 x H18.0cm, 1.39 CUFT 0.039 CBM

Dimensions (mm)



Material Specifications



Parts	Specifications
1. Front panel	SPCC, 1.5 mm thickness with black(RAL9005) color painting
2. RJ45 jack	
2-1. 6port housing	ABS/PC, UL94V-0
2-2. Contacts bracket	Polycarbonate, UL94V-2
2-3. Contacts material	Phosphor bronze with nickel plating
2-4. Contacts gold plating	50 micro-inch gold plating on surface of plug contact area
3. Panel bracket	ABS/PC, UL94V-0
4. ID plate	Polycarbonate, UL94V-2, transparent color
5. IDC	
5-1. Housing	Polycarbonate, UL94V-2, white color
5-2. Terminals	Phosphor bronze with tin plating
6. Support Bar (option)	SPCC, 1.5 mm thickness with black(RAL9005) color painting
7. PCB	FR4, UL94V-0

Mechanical Characteristics

- Life (Mating cycles) ≥ 750 cycles
- Mating/Un-mating force ≤ 20 N
- Retention strength 7.7 kg between jack and plug

Installation Information

- Wire conductor range Solid and stranded, 23-26 AWG
- Cable O.D. range 5.0 mm to 8.5 mm
- IDC re-installing cycles ≥ 20 cycles
- Punch-Down tool 110 Punch-Down tool
- Installing temperature 0°C to 50°C (32°F to 122°F)
- Storage temperature -40°C to 70°C (-40°F to 158°F)
- Operating temperature -10°C to 60°C (14°F to 140°F)
- Humidity 10% to 90% RH

Electrical Characteristics

Contact resistance	≤ 20 m Ω , from initial
Insulation resistance	≥ 500 M Ω at 100 Vdc, for 60 s
Voltage proof	Contact to contact 1000 Vdc, for 60 s
Current carrying capacity	1.0 A at 60°C (140°F)
UL voltage rating	150 V
PoE	60 Vdc, IEEE 802.3bt Type 4 PoE++ (4PPoE) 100 W

180° UTP Permanent-Link Patch Panel



Features

- High headroom on ANSI/TIA-568.2-D and ISO/IEC 11801-1 Channel and Permanent-Link including the 4PPoE performance
- Power over HDBaseT™ (PoH) applications up to 100 W
- UL 1863 verified
- Pair Separation Tower of 110 IDC design, and works with 5-pair 110 punch down tool, T568A & B wiring
- Cable management is optional with plastic cable-holders or metallic support-bar
- 12, 24, 48port are available

Standards Compliance

- ANSI/TIA-568.2-D
- ISO/IEC 11801-1, Class D/E
- IEC 60603-7
- IEC 60512-99-002
- IEEE 802.3bt Type 4 PoE++ (4PPoE) 100 W
- ANSI/TIA-1096-A (formerly FCC Part 68)
- UL1863
- RoHS/REACH compliant

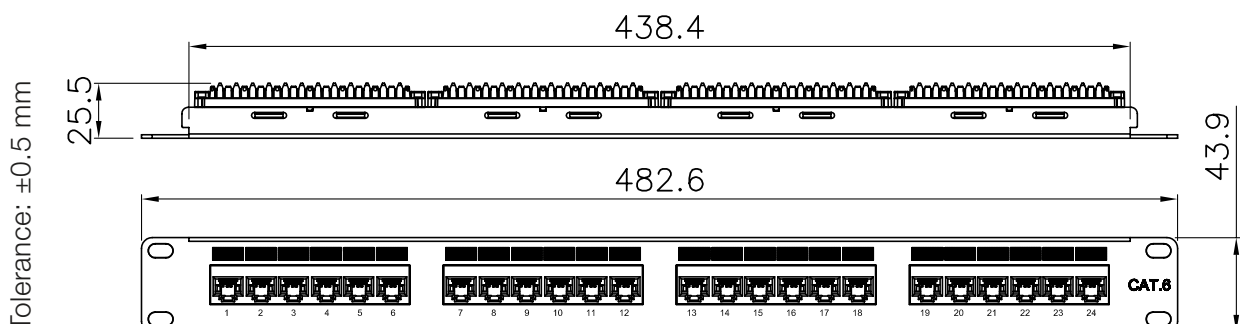
Part Number Descriptions

AAAGD 24041 30101	NPN24T-CEC/BK	180° Cat.5E UTP Permanent-Link Patch Panel, 1U-24port, Cable-Holder
AAAGD 24041 40101	NPN24T-C6C/BK	180° Cat.6 UTP Permanent-Link Patch Panel, 1U-24port, Cable-Holder
AAAGD 24051 40101	NPNA24T-C6C/BK	180° Cat.6 UTP Permanent-Link Patch Panel, 1U-24port, Support-Bar

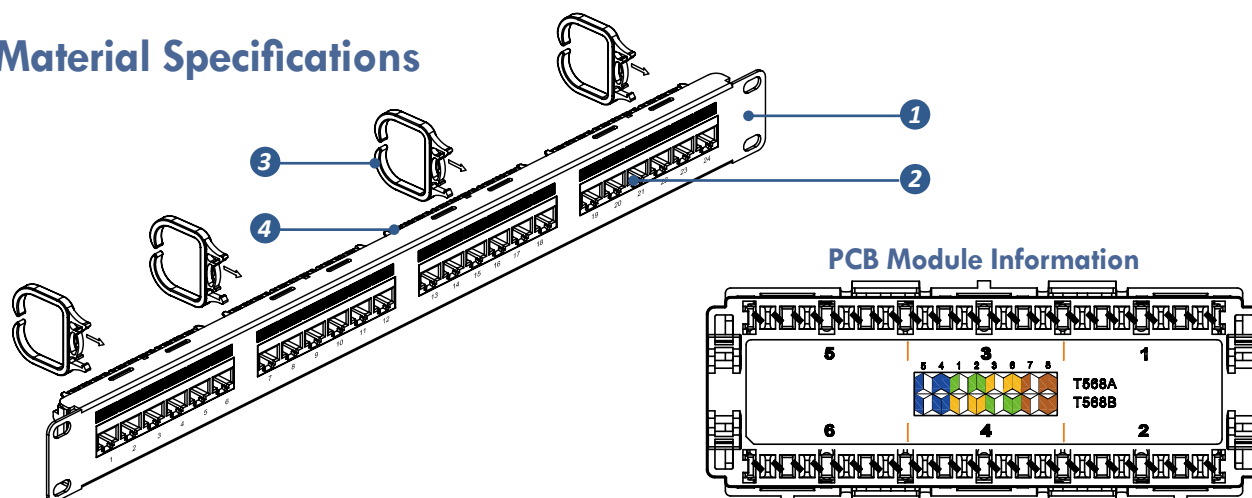
Packing Information

- 1 panel, 4 Cable-Holders(or 1 Support-Bar), 5 Cable-Ties & 1 Installation-Instruction per box
- 20 boxes per carton (20 pcs/carton)
- Net weight 10.1 kgs per carton
- Gross weight 11.9 kgs per carton
- Carton size L52.0 x W22.5 x H25.0cm, 1.03 CUFT, 0.029CBM

Dimensions (mm)



Material Specifications



Parts	Specifications
1. Front panel	SPCC, 1.5 mm thickness with black(RAL9005) color painting
2. RJ45 jack	
2-1. Housing	ABS/PC, UL94V-0
2-2. Contacts bracket	Polycarbonate, UL94V-2
2-3. Contacts material	Phosphor bronze with nickel plating
2-4. Contacts gold plating	50 micro-inch gold plating on surface of plug contact area
3. Cable-Holder	Nylon
4. IDC	
4-1. Housing	Polycarbonate, UL94V-0
4-2. Terminals	Phosphor bronze with tin plating
5. PCB	FR4, UL94V-0

Mechanical Characteristics

- Life (Mating cycles) ≥ 750 cycles
- Mating/Un-mating force ≤ 20 N
- Retention strength 7.7 kg between jack and plug

Installation Information

- Wire conductor range Solid and stranded, 23-26 AWG
- Cable O.D. range 5.0 mm to 8.5 mm
- IDC re-installing cycles ≥ 20 cycles
- Punch-Down tool 110 Punch-Down tool
- Installing temperature 0°C to 50°C (32°F to 122°F)
- Storage temperature -40°C to 70°C (-40°F to 158°F)
- Operating temperature -10°C to 60°C (14°F to 140°F)
- Humidity 10% to 90% RH

Electrical Characteristics

Contact resistance	≤ 20 m Ω , from initial
Insulation resistance	≥ 500 M Ω at 100 Vdc, for 60 s
Voltage proof	Contact to contact 1000 Vdc, for 60 s
Current carrying capacity	1.0 A at 60°C (140°F)
UL voltage rating	150 V
PoE	60 Vdc, IEEE 802.3bt Type 4 PoE++ (4PPoE) 100 W

180° UTP Permanent-Link Patch Panel, Mini Type with 89D Bracket, Vertical 12-port

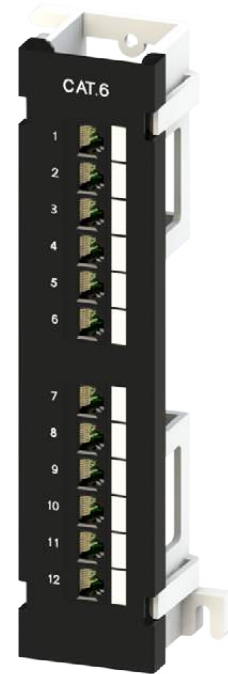


Features

- High headroom on ANSI/TIA-568.2-D and ISO/IEC 11801-1 Channel and Permanent-Link including the 4PPoE performance
- Power over HDBaseT™ (PoH) applications up to 100 W
- UL 1863 verified
- Pair Separation Tower of 110 IDC design, and works with 5-pair 110 punch down tool, T568A & B wiring

Standards Compliance

- ANSI/TIA-568.2-D
- ISO/IEC 11801-1, Class D/E
- IEC 60603-7
- IEC 60512-99-002
- IEEE 802.3bt Type 4 PoE++ (4PPoE) 100 W
- ANSI/TIA-1096-A (formerly FCC Part 68)
- UL1863
- RoHS/REACH compliant



Part Number Descriptions

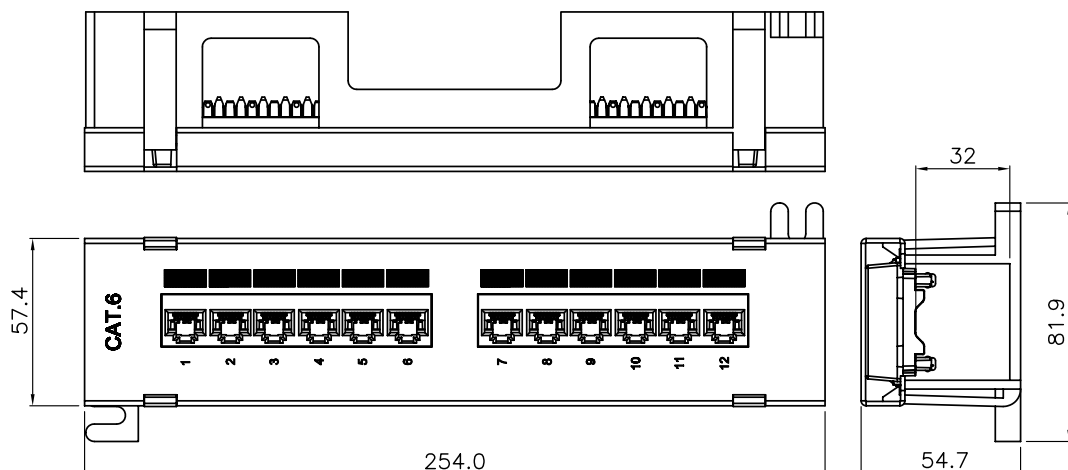
AACBD 12061 30101	NPMV12T-CEC	180° Cat.5E UTP Permanent-Link Patch Panel, Mini Type with 89D Bracket, Vertical 12-port
AACBD 12061 40101	NPMV12T-C6C	180° Cat.6 UTP Permanent-Link Patch Panel, Mini Type with 89D Bracket, Vertical 12-port

Packing Information

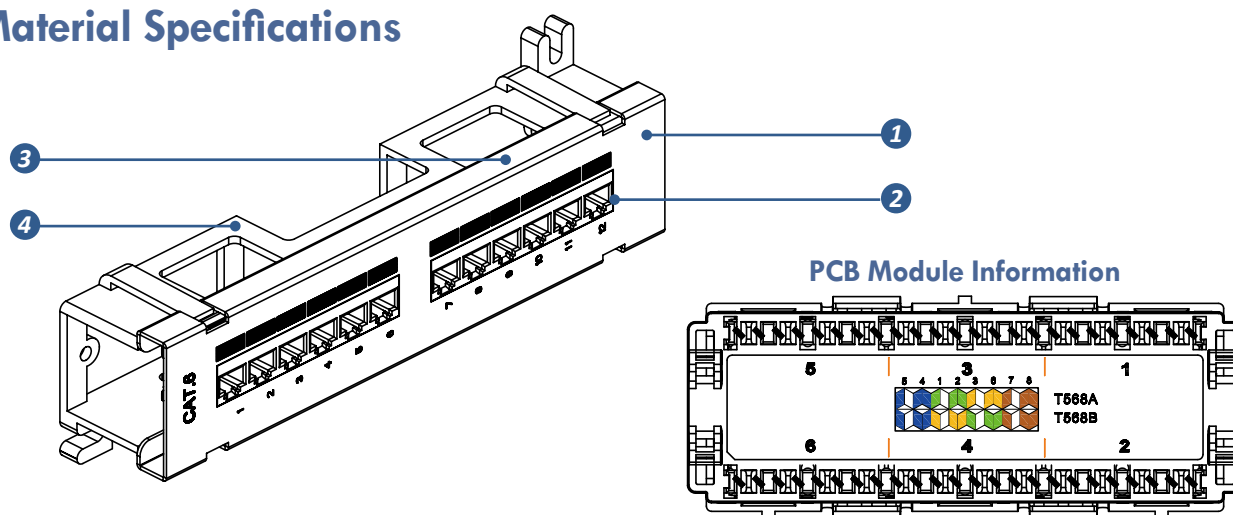
- 1 panel, 89D bracket and Installation-Instruction per inner box
- 40 inner boxex per carton (40 pcs/carton)
- Net weight 16.5 kgs per carton
- Gross weight 20.3 kgs per carton
- Carton size L59.2 x W45.0 x H31.0cm, 2.91 CUFT, 0.083CBM

Dimensions (mm)

Tolerance: ±0.5 mm



Material Specifications



Parts	Specifications
1. Front panel	SPCC, 1.5 mm thickness with black(RAL9005) color painting
2. RJ45 jack	
2-1. Housing	ABS/PC, UL94V-0
2-2. Contacts bracket	Polycarbonate, UL94V-2
2-3. Contacts material	Phosphor bronze with nickel plating
2-4. Contacts gold plating	50 micro-inch gold plating on surface of plug contact area
3. IDC	
3-1. Housing	Polycarbonate, UL94V-0
3-2. Terminals	Phosphor bronze with tin plating
4. 89D bracket	ABS, UL94V-0
5. PCB	FR4, UL94V-0

Mechanical Characteristics

- Life (Mating cycles) ≥ 750 cycles
- Mating/Un-mating force ≤ 20 N
- Retention strength 7.7 kg between jack and plug

Installation Information

- Wire conductor range Solid and stranded, 23-26 AWG
- Cable O.D. range 5.0 mm to 8.5 mm
- IDC re-installing cycles ≥ 20 cycles
- Punch-Down tool 110 Punch-Down tool
- Installing temperature 0°C to 50°C (32°F to 122°F)
- Storage temperature -40°C to 70°C (-40°F to 158°F)
- Operating temperature -10°C to 60°C (14°F to 140°F)
- Humidity 10% to 90% RH

Electrical Characteristics

Contact resistance	≤ 20 m Ω , from initial
Insulation resistance	≥ 500 M Ω at 100 Vdc, for 60 s
Voltage proof	Contact to contact 1000 Vdc, for 60 s
Current carrying capacity	1.0 A at 60°C (140°F)
UL voltage rating	150 V
PoE	60 Vdc, IEEE 802.3bt Type 4 PoE++ (4PPoE) 100 W

180° UTP Permanent-Link Patch Panel



Features

- High headroom on ANSI/TIA-568.2-D and ISO/IEC 11801-1 Channel and Permanent-Link including the 4PPoE performance
- Power over HDBaseT™ (PoH) applications up to 100 W
- UL 1863 verified
- Cable management is optional with plastic cable-holders or metallic support-bar
- 12, 16, 24, 32, 48, 72, 96 port are available

Standards Compliance

- ANSI/TIA-568.2-D
- ISO/IEC 11801-1, Class D/E
- IEC 60603-7
- IEC 60512-99-002
- IEEE 802.3bt Type 4 PoE++ (4PPoE) 100 W
- ANSI/TIA-1096-A (formerly FCC Part 68)
- UL1863
- RoHS/REACH compliant

Part Number Descriptions

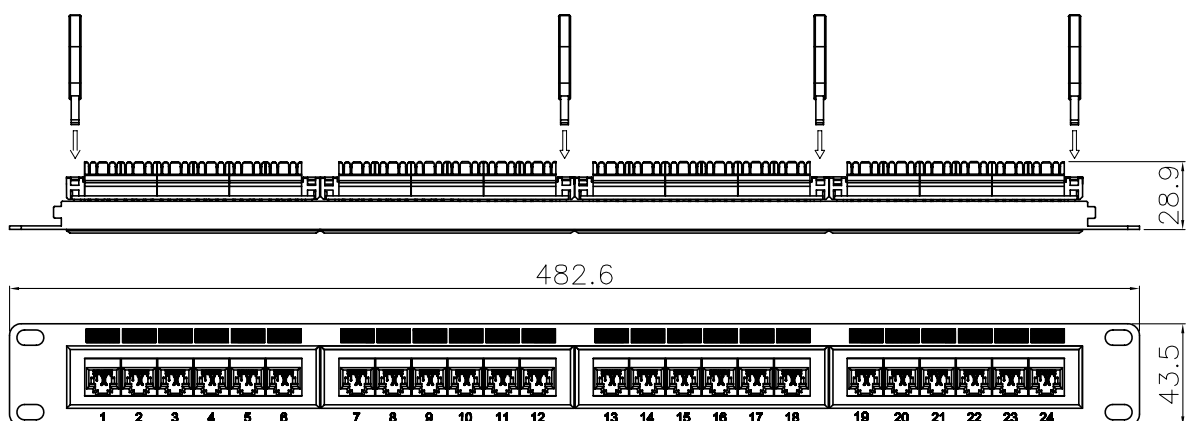
AAAEB 24011 35101	P24T-KAA-CEC/BK	180° Cat.5E UTP Permanent-Link Patch Panel, 1U-24port, Cable-Holder
AAAEB 24011 45101	P24T-KAA-C6C/BK	180° Cat.6 UTP Permanent-Link Patch Panel, 1U-24port, Cable-Holder
AAAEB 24021 45101	PA24T-KAA-C6C/BK	180° Cat.6 UTP Permanent-Link Patch Panel, 1U-24port, Support-Bar

Packing Information

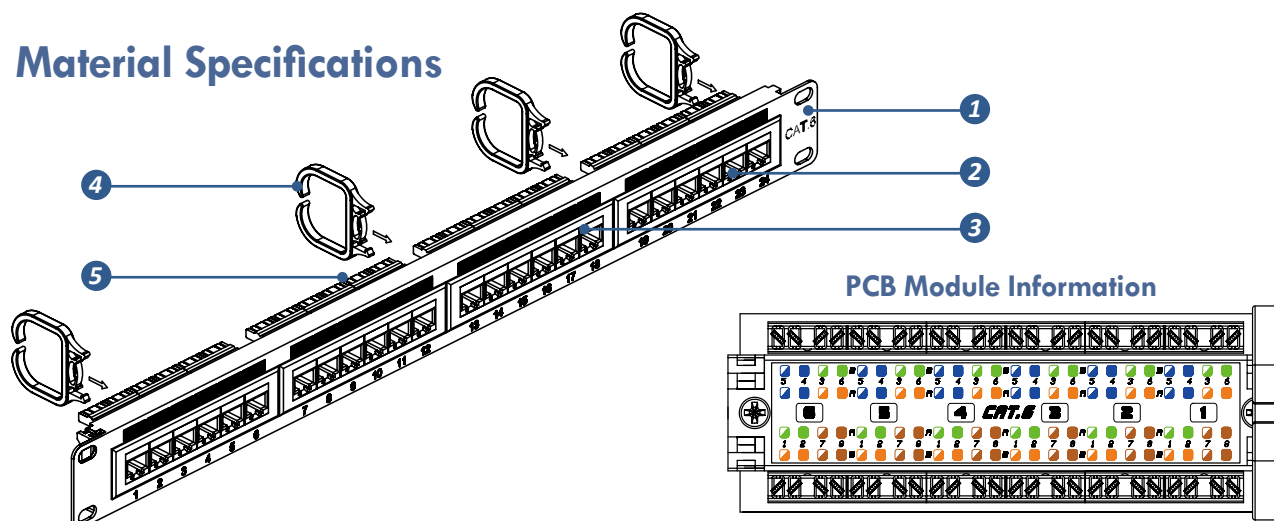
- 1 panel, 4 Cable-Holder(or 1 Support-Bar), Cable-Tie and Installation-Instruction per inner box
- 20 inner boxes per carton (20 pcs/carton)
- Net weight 9.8 kgs per carton
- Gross weight 12.0 kgs per carton
- Carton size L52.0 x W22.5 x H25.0cm, 1.03 CUFT, 0.029CBM

Dimensions (mm)

Tolerance: ±0.5 mm



Material Specifications



Parts	Specifications
1. Front panel	SPCC, 1.5 mm thickness with black(RAL9005) color painting
2. RJ45 jack	
2-1. Housing	ABS/PC, UL94V-0
2-2. Contacts bracket	Polycarbonate, UL94V-2
2-3. Contacts material	Phosphor bronze with nickel plating
2-4. Contacts gold plating	50 micro-inch gold plating on surface of plug contact area
3. Jack bracket, front and back	ABS, UL94V-0
4. Cable-Holder	Nylon
5. Krone-110 dual IDC	
5-1. Housing	Polycarbonate, UL94V-2, white color
5-2. Terminals	Phosphor bronze with tin plating
6. PCB	FR4, UL94V-0

Mechanical Characteristics

- Life (Mating cycles) ≥ 750 cycles
- Mating/Un-mating force ≤ 20 N
- Retention strength 7.7 kg between jack and plug

Installation Information

- Wire conductor range Solid and stranded, 23-26 AWG
- Cable O.D. range 5.0 mm to 8.5 mm
- IDC re-installing cycles ≥ 20 cycles
- Punch-Down tool Krone or 110 Punch-Down tool
- Installing temperature 0°C to 50°C (32°F to 122°F)
- Storage temperature -40°C to 70°C (-40°F to 158°F)
- Operating temperature -10°C to 60°C (14°F to 140°F)
- Humidity 10% to 90% RH

Electrical Characteristics

Contact resistance	≤ 20 m Ω , from initial
Insulation resistance	≥ 500 M Ω at 100 Vdc, for 60 s
Voltage proof	Contact to contact 1000 Vdc, for 60 s
Current carrying capacity	1.0 A at 60°C (140°F)
UL voltage rating	150 V
PoE	60 Vdc, IEEE 802.3bt Type 4 PoE++ (4PPoE) 100 W

90° UTP Permanent-Link Patch Panel, 1U-24port



Features

- High headroom on ANSI/TIA-568.2-D and ISO/IEC 11801-1 Channel and Permanent-Link including the 4PPoE performance
- Power over HDBaseT™ (PoH) applications up to 100 W
- UL 1863 verified
- T568A and T568B wiring

Standards Compliance

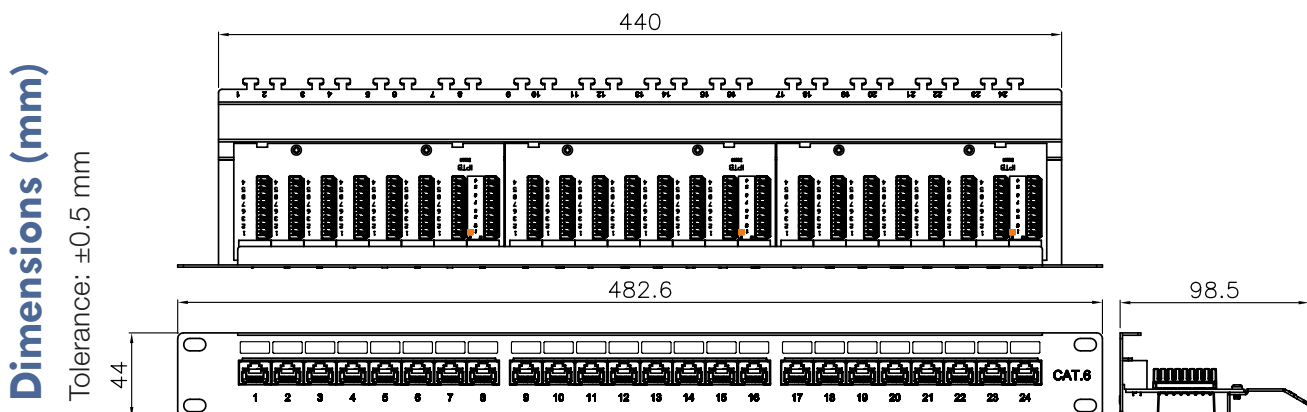
- ANSI/TIA-568.2-D
- ISO/IEC 11801-1, Class D/E
- IEC 60603-7
- IEC 60512-99-002
- IEEE 802.3bt Type 4 PoE++ (4PPoE) 100 W
- ANSI/TIA-1096-A (formerly FCC Part 68)
- UL1863
- RoHS/REACH compliant

Part Number Descriptions

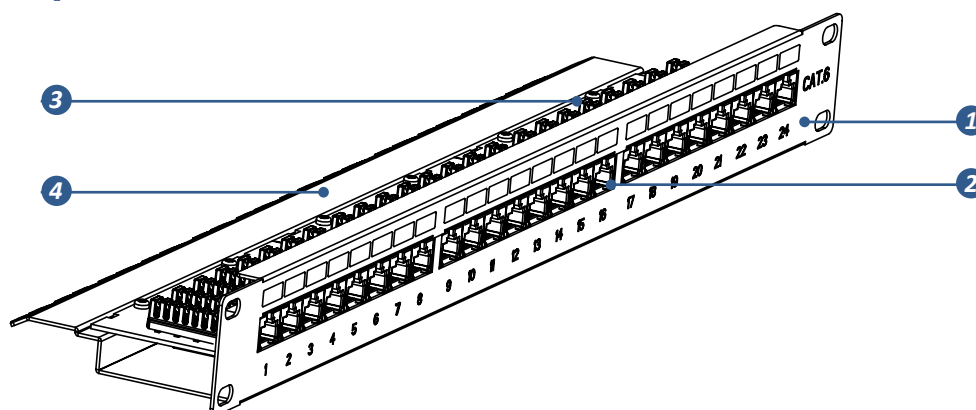
AAAAD 24001 33101	IPTB24A-KDA-CEC/BK	90° Cat.5E UTP Patch Panel, 1U-24port, Krone-110 dual IDC
AAAAD 24001 34101	IPTB24A-KRO-CEC/BK	90° Cat.5E UTP Patch Panel, 1U-24port, Krone IDC
AAAAD 24001 43101	IPTB24A-KDA-C6C/BK	90° Cat.6 UTP Patch Panel, 1U-24port, Krone-110 dual IDC
AAAAD 24001 44101	IPTB24A-KRO-C6C/BK	90° Cat.6 UTP Patch Panel, 1U-24port, Krone IDC

Packing Information

- 1 panel, 25 Cable-Ties and 1 Installation-Instruction per inner box
- 9 inner boxes per carton (20 pcs/carton)
- Net weight 7.8 kgs per carton
- Gross weight 10.5 kgs per carton
- Carton size L54.5 x W47.5 x H18.0cm, 1.64 CUFT, 0.047CBM



Material Specifications



Parts	Specifications
1. Front panel	SPCC, 1.2 mm thickness with black(RAL9005) color painting
2. RJ45 jack	
2-1. Housing	PBT, UL94V-0
2-2. Contacts bracket	PBT, UL94V-0
2-3. Contacts material	Phosphor bronze with nickel plating
2-4. Contacts gold plating	50 micro-inch gold plating on surface of plug contact area
3. IDC	
3-1. Housing	Polycarbonate, UL94V-2, white color
3-2. Terminals	Phosphor bronze with tin plating
4. PCB	FR4, UL94V-0

Mechanical Characteristics

- Life (Mating cycles) ≥ 750 cycles
- Mating/Un-mating force ≤ 20 N
- Retention strength 7.7 kg between jack and plug

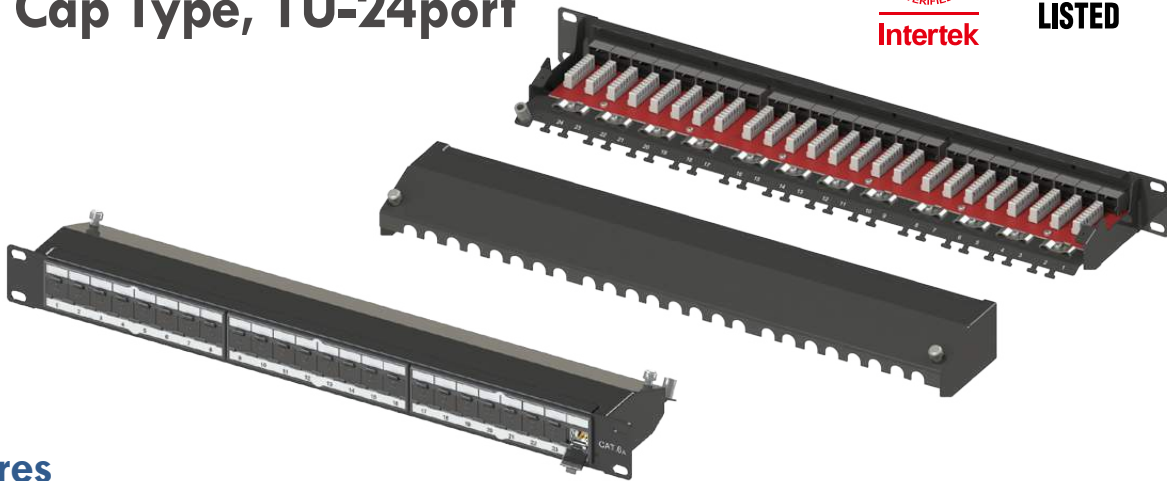
Installation Information

- Wire conductor range Solid and stranded, 23-26 AWG
- Cable O.D. range 5.0 mm to 8.5 mm
- IDC re-installing cycles ≥ 20 cycles
- Punch-Down tool KDA IDC type: Krone or 110 Punch-Down tool
KRO IDC type: Krone Punch-Down tool
- Installing temperature 0°C to 50°C (32°F to 122°F)
- Storage temperature -40°C to 70°C (-40°F to 158°F)
- Operating temperature -10°C to 60°C (14°F to 140°F)
- Humidity 10% to 90% RH

Electrical Characteristics

Contact resistance	≤ 20 m Ω , from initial
Insulation resistance	≥ 500 M Ω at 100 Vdc, for 60 s
Voltage proof	Contact to contact 1000 Vdc, for 60 s
Current carrying capacity	1.0 A at 60°C (140°F)
UL voltage rating	150 V
PoE	60 Vdc, IEEE 802.3bt Type 4 PoE++ (4PPoE) 100 W

90° STP Permanent-Link Patch Panel, Dust Cap Type, 1U-24port



Features

- High headroom on ANSI/TIA-568.2-D and ISO/IEC 11801-1 Channel and Permanent-Link including the 4PPoE performance
- Power over HDBaseT™ (PoH) applications up to 100 W
- UL 1863 verified
- Dust-Cap design, T568A and T568B wiring

Standards Compliance

- ANSI/TIA-568.2-D
- ISO/IEC 11801-1, Class E/EA
- IEC 60603-7-1
- IEC 60512-99-002
- IEEE 802.3bt Type 4 PoE++ (4PPoE) 100 W
- ANSI/TIA-1096-A (formerly FCC Part 68)
- UL1863
- RoHS/REACH compliant

Part Number Descriptions

AAABC 24001 431XX PPSB24-KD-C6/xx

AAABC 24001 531XX PPSB24-KD-6A/xx

AAABC 24001 441XX PPSB24-KR-C6/xx

AAABC 24001 541XX PPSB24-KR-6A/xx

XX = Panel painting color, 01=Black, 02=Grey(RAL7035)

90° Cat.6 STP Patch Panel, Krone-110 dual IDC, Dust-Cap Type, 1U-24port

90° Cat.6A STP Patch Panel, Krone-110 dual IDC, Dust-Cap Type, 1U-24port

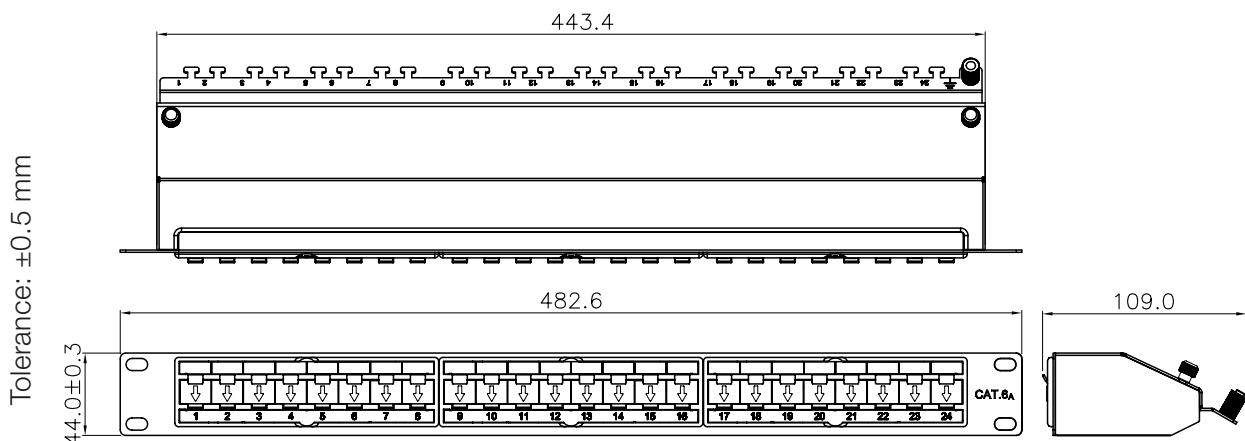
90° Cat.6 STP Patch Panel, Krone dual IDC, Dust-Cap Type, 1U-24port

90° Cat.6A STP Patch Panel, Krone dual IDC, Dust-Cap Type, 1U-24port

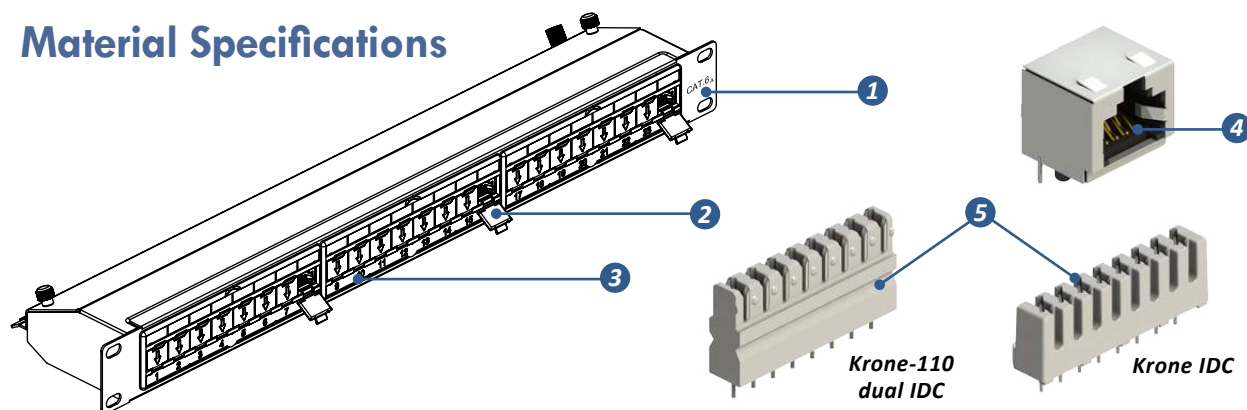
Packing Information

- 1 panel, 25 Cable-Ties and 1 Installation-Instruction per inner box
- 9 inner boxes per carton (9 pcs/carton)
- Net weight 13.3 kgs per carton
- Gross weight 16.0 kgs per carton
- Carton size L54.5 x W47.5 x H18.0cm, 1.64 CUFT, 0.047CBM

Dimensions (mm)



Material Specifications



Parts	Specifications
1. Panel	SECC, 1.2 mm thickness with optional color painting
2. Dust cap	Polycarbonate, UL94V-2
3. Jack bracket	ABS, UL94V-0
4. RJ45 jack	
4-1. Housing	PBT, UL94V-0
4-2. Contacts bracket	PBT, UL94V-0
4-3. Contacts material	Phosphor bronze with nickel plating
4-4. Contacts gold plating	50 micro-inch gold plating on surface of plug contact area
4-5. Shield	Brass with nickel plating
5. Krone-110 dual IDC or Krone IDC	
5-1. Housing	Polycarbonate, UL94V-2, white color
5-2. Terminals	Phosphor bronze with tin plating
6. Drain wire	18 AWG, 40cm
7. PCB	FR4, UL94V-0

Mechanical Characteristics

- Life (Mating cycles) ≥ 750 cycles
- Mating/Un-mating force ≤ 30 N
- Retention strength 7.7 kg between jack and plug

Installation Information

- Wire conductor range Solid and stranded, 23-26 AWG
- Cable O.D. range 5.0 mm to 8.5 mm
- IDC re-installing cycles ≥ 20 cycles
- Punch-Down tool
KDA IDC type: Krone or 110 Punch-Down tool
KRO IDC type: Krone Punch-Down tool
- Installing temperature 0°C to 50°C (32°F to 122°F)
- Storage temperature -40°C to 70°C (-40°F to 158°F)
- Operating temperature -10°C to 60°C (14°F to 140°F)
- Humidity 10% to 90% RH

Electrical Characteristics

Contact resistance	≤ 20 m Ω , from initial
Insulation resistance	≥ 500 M Ω at 100 Vdc, for 60 s
Voltage proof	contact to contact 1000 Vdc, contact to shield 1500Vdc, for 60 s
Current carrying capacity	1.0 A at 60°C (140°F)
UL voltage rating	150 V
PoE	60 Vdc, IEEE 802.3bt Type 4 PoE++ (4PPoE) 100 W

90° UTP ISDN Patch Panel, 1U-25port



Standards Compliance

- ANSI/TIA-568.2-D Cat. 3
- ISO/IEC 11801-1, Class C
- IEC 60603-7
- IEEE 802.3af Type 1 PoE 15 W
- ANSI/TIA-1096-A (formerly FCC Part 68)
- UL1863
- RoHS/REACH compliant

Part Number Descriptions

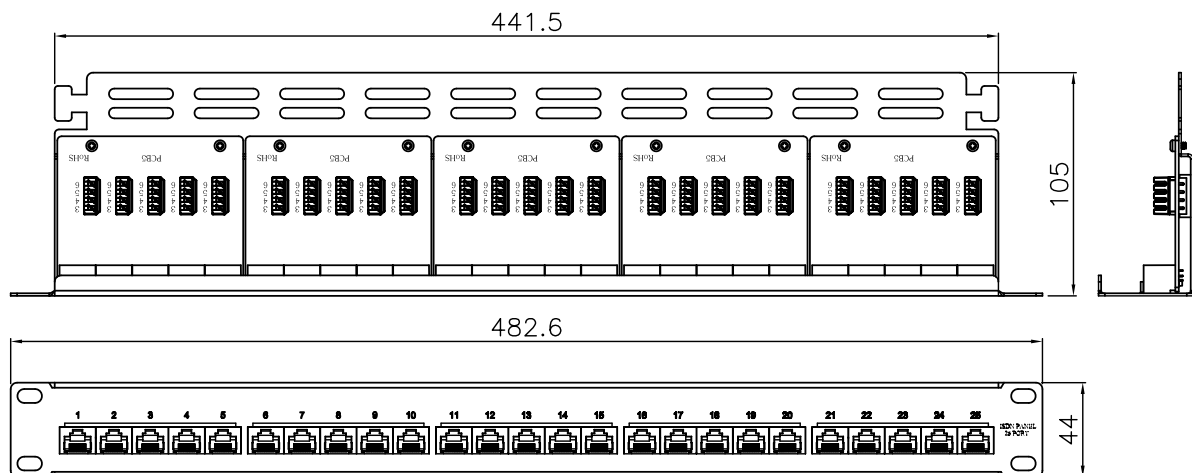
- AAANC 25003 13001 ISDN25-KD/BK** 90° UTP ISDN Patch Panel, 1U-25port, Krone-110 dual IDC
- AAANC 25003 14001 ISDN25-KR/BK** 90° UTP ISDN Patch Panel, 1U-25port, Krone IDC

Packing Information

- 1 panel, 5 Cable-Ties and 1 Installation-Instruction per inner box
- 9 inner boxes per carton (9 pcs/carton)
- Net weight 7.7 kgs per carton
- Gross weight 10.2 kgs per carton
- Carton size L58.0 x W49.0 x H26.0cm, 2.61 CUFT, 0.074CBM

Dimensions (mm)

Tolerance: ± 0.5 mm



90° UTP ISDN Patch Panel, 1U-50port



Standards Compliance

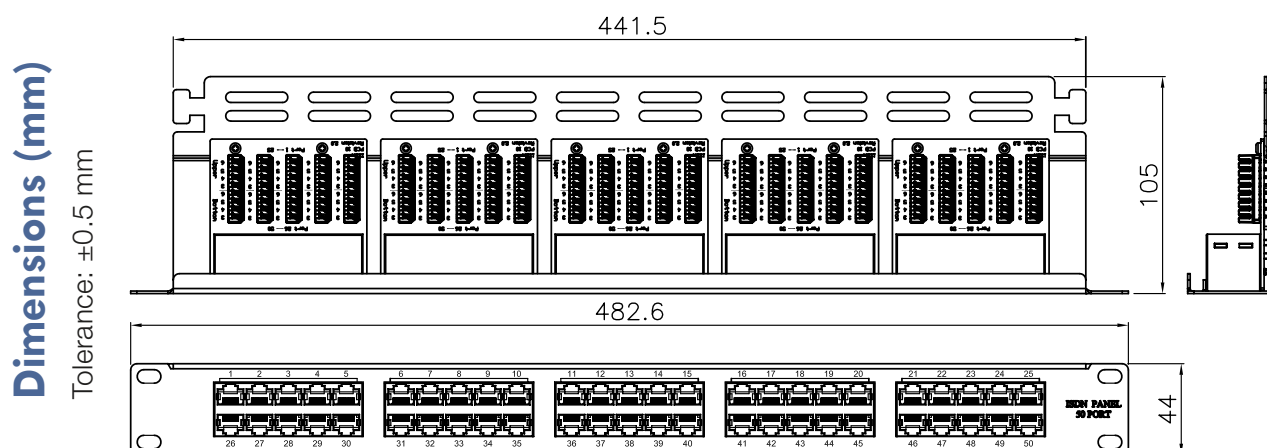
- ANSI/TIA-568.2-D Cat. 3
- ISO/IEC 11801-1, Class C
- IEC 60603-7
- IEEE 802.3af Type 1 PoE 15 W
- ANSI/TIA-1096-A (formerly FCC Part 68)
- UL1863
- RoHS/REACH compliant

Part Number Descriptions

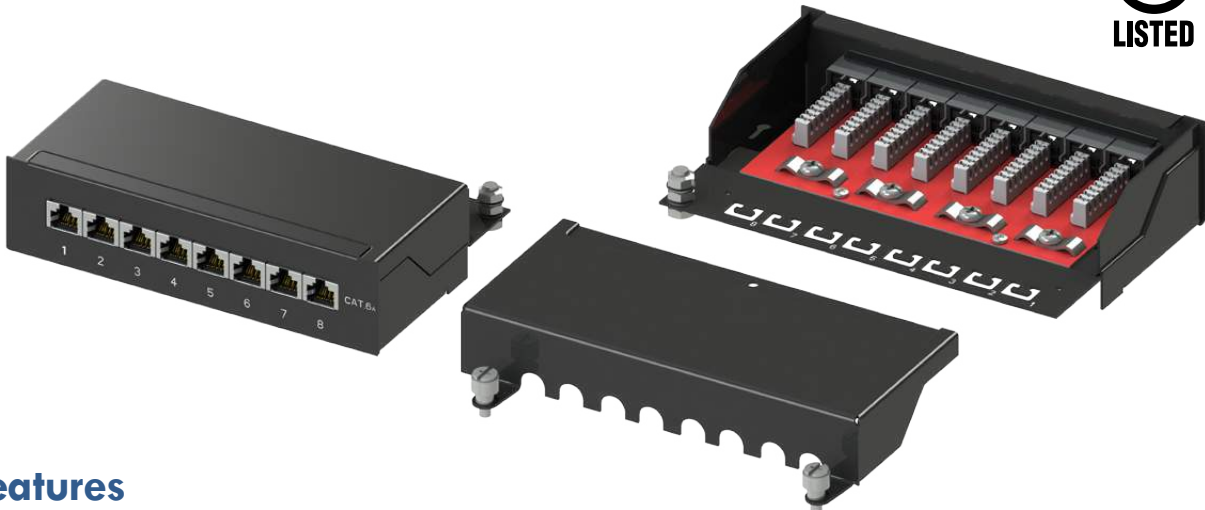
AAANC 50003 13001	ISDN50-KD/BK	90° UTP ISDN Patch Panel, 1U-50port, Krone-110 dual IDC
AAANC 50003 14001	ISDN50-KR/BK	90° UTP ISDN Patch Panel, 1U-50port, Krone IDC

Packing Information

- 1 panel, 10 Cable-Ties and 1 Installation-Instruction per inner box
- 9 inner boxes per carton (9 pcs/carton)
- Net weight 8.5 kgs per carton
- Gross weight 11.5 kgs per carton
- Carton size L58.0 x W49.0 x H26.0cm, 2.61 CUFT, 0.074CBM



90° STP Surface Mount Box, 8-port



Features

- High headroom on ANSI/TIA-568.2-D and ISO/IEC 11801-1 Channel and Permanent-Link including the 4PPoE performance
- Power over HDBaseT™ (PoH) applications up to 100 W
- UL 1863 verified
- T568A and T568B wiring

Standards Compliance

- ANSI/TIA-568.2-D
- ISO/IEC 11801-1, Class E/EA
- IEC 60603-7-1
- IEC 60512-99-002
- IEEE 802.3bt Type 4 PoE++ (4PPoE) 100 W
- ANSI/TIA-1096-A (formerly FCC Part 68)
- UL1863
- RoHS/REACH compliant

Part Number Descriptions

AAGAD 02081 441XX	SM8ABC6FS-KRCxx	90° Cat.6 STP Surface Mount Box, 8-port, Krone IDC
AAGAD 02081 541XX	SM8AB6AFS-KRCxx	90° Cat.6A STP Surface Mount Box, 8-port, Krone IDC

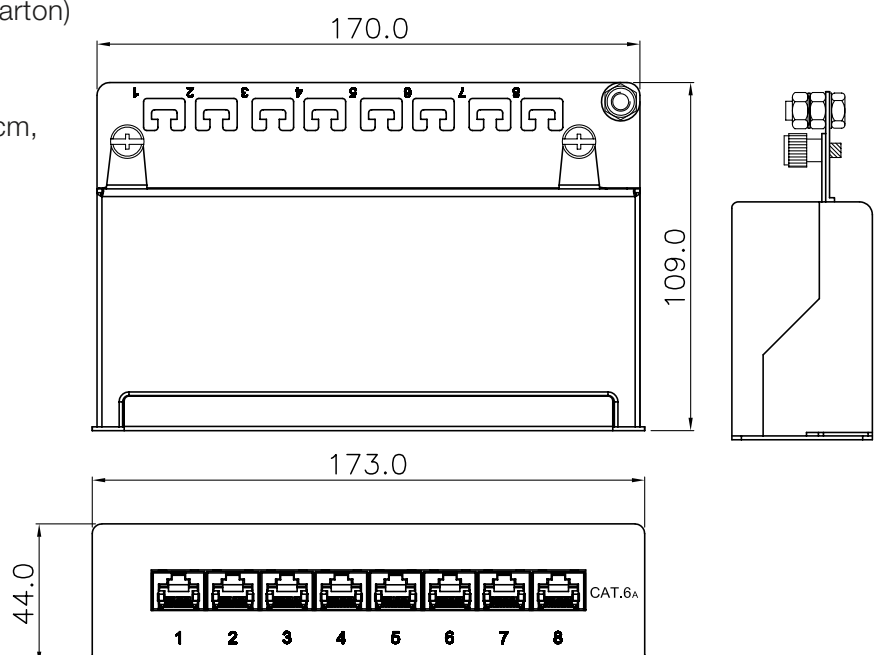
XX = Panel painting color, 01=Black, 02=Grey(RAL7035)

Packing Information

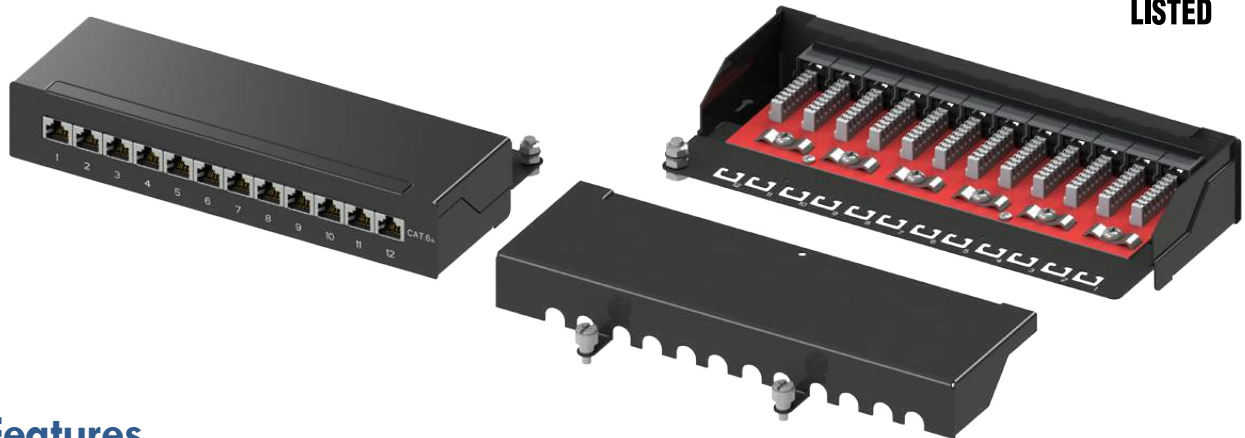
- 1 box, 9 Cable-Ties & Installation-Instruction per inner box
- 10 inner boxes per carton (10 pcs/carton)
- Net weight 6.1 kgs per carton
- Gross weight 7.7 kgs per carton
- Carton size L30.0 x W29.0 x H33.0cm, 1.01 CUFT, 0.029CBM

Dimensions (mm)

Tolerance: ± 0.5 mm



90° STP Surface Mount Box, 12-port



Features

- High headroom on ANSI/TIA-568.2-D and ISO/IEC 11801-1 Channel and Permanent-Link including the 4PPoE performance
- Power over HDBaseT™ (PoH) applications up to 100 W
- UL 1863 verified
- T568A and T568B wiring

Standards Compliance

- ANSI/TIA-568.2-D
- ISO/IEC 11801-1, Class E/EA
- IEC 60603-7-1
- IEC 60512-99-002
- IEEE 802.3bt Type 4 PoE++ (4PPoE) 100 W
- ANSI/TIA-1096-A (formerly FCC Part 68)
- UL1863
- RoHS/REACH compliant

Part Number Descriptions

AAGAD 02121 441XX	SM12ABC6FS-KRCxx	90° Cat.6 STP Surface Mount Box, 12-port, Krone IDC
AAGAD 02121 541XX	SM12AB6AFS-KRCxx	90° Cat.6A STP Surface Mount Box, 12-port, Krone IDC

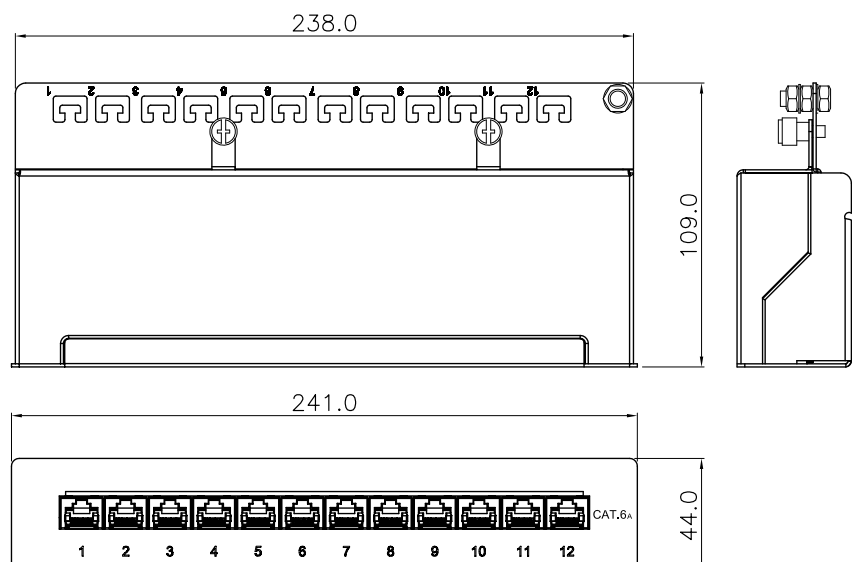
XX = Panel painting color, 01=Black, 02=Grey(RAL7035)

Packing Information

- 1 box, 13 Cable-Ties & Installation-Instruction per inner box
- 10 inner boxes per carton (10 pcs/carton)
- Net weight 8.3 kgs per carton
- Gross weight 10.3 kgs per carton
- Carton size L58.4 x W30.2 x H20.0cm, 1.25 CUFT, 0.035CBM

Dimensions (mm)

Tolerance: ± 0.5 mm



Surface Mount Box



AAGCC 11011 43005

JE342RC6-USM/WH, 90° Cat.6 UTP Surface Mount Box, 1-port, white color, box size L54 x W39 x H30 mm



AAGCC 01021 43005

JE342RC6-USD/WH, 90° Cat.6 UTP Surface Mount Box, 2-port, white color, box size L61 x W59 x H30 mm

- Box material: ABS, UL94V-0
- Wire conductor range: Solid and stranded 23-26 AWG
- Cable O.D. range: 5.0 to 7.5 mm
- Krone-110 dual IDC (KDA)
- Punch-Down tool: Both Krone or 110 Punch-Down tool



AAGCC 12011 43005

JE342RC6-FSM/WH, 90° Cat.6 STP Surface Mount Box, 1-port, white color, box size L54 x W39 x H30 mm

AAGCC 12011 53005

JE342R6A-FSM/WH, 90° Cat.6A STP Surface Mount Box, 1-port, white color, box size L54 x W39 x H30 mm



AAGCC 02021 43005

JE342RC6-FSD/WH, 90° Cat.6 STP Surface Mount Box, 2-port, white color

AAGCC 02021 53005

JE342R6A-FSD/WH, 90° Cat.6A STP Surface Mount Box, 2-port, white color

- Box size: L61 x W59 x H30 mm
- Box material: ABS, UL94V-0
- Wire conductor range: Solid and stranded 23-26 AWG
- Cable O.D. range: 5.0 to 7.5 mm
- Krone-110 dual IDC (KDA)
- Punch-Down tool: Both Krone or 110 Punch-Down tool

Junction Box & Splitter



AAGBA 01000 43105

JE316-KDA-C6US/WH, Cat.6 UTP Junction Box, white

AAGBA 01000 53105

JE316-KDA-6AUS/WH, Cat.6A UTP Junction Box, white

- Box size: L61.6 x W33.7 x H23.5 mm
- Box material: ABS/PC, UL94V-0
- Wire conductor range: Solid and stranded 23-26 AWG
- Cable O.D. range: 5.0 to 7.5 mm
- Krone-110 dual IDC (KDA)
- Punch-Down tool: Both Krone or 110 Punch-Down tool



AAGBA 02000 43115

JE316-KDA-C6FS/WH, Cat.6 STP Junction Box, white

AAGBA 02000 53115

JE316-KDA-6AFS/WH, Cat.6A STP Junction Box, white

- Box size: L62.8 x W34.9 x H24 mm
- Box material: ABS/PC, UL94V-0
- Shield: Plated SPCC
- Wire conductor range: Solid and stranded 23-26 AWG
- Cable O.D. range: 5.0 to 7.5 mm
- Krone-110 dual IDC
- Punch-Down tool: Both Krone or 110 Punch-Down tool



AAFDA 04011 30105 MYWA-04, Cat.5E, UTP, #4 wiring

AAFDA 05011 30105 MYWA-05, Cat.5E, UTP, #5 wiring

AAFDA 06011 30105 MYWA-06, Cat.5E, UTP, #6 wiring

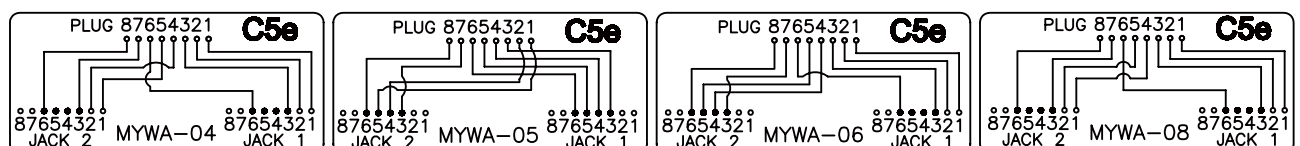
AAFDA 08011 30105 MYWA-08, Cat.5E, UTP, #8 wiring

AAFDA 04011 30415 MYWAS-04, Cat.5E, STP, #4 wiring

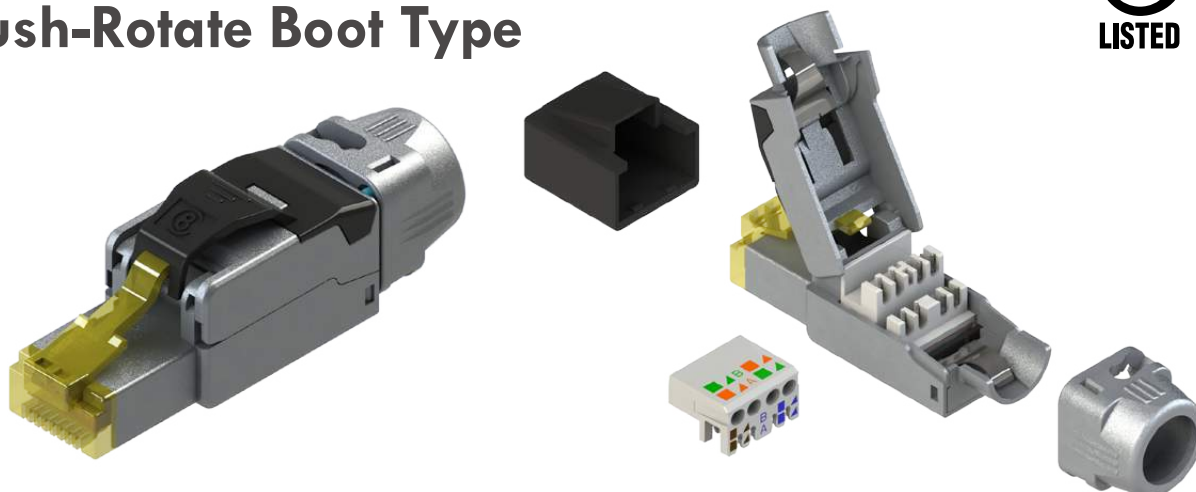
AAFDA 05011 30415 MYWAS-05, Cat.5E, STP, #5 wiring

AAFDA 06011 30415 MYWAS-06, Cat.5E, STP, #6 wiring

AAFDA 08011 30415 MYWAS-08, Cat.5E, STP, #8 wiring



STP Field Termination Plug, Push-Rotate Boot Type



Features

- High-Density and extreme performance by PCB compensation design for Hyper-Scale and Edge Data Center
- Push- Rotate boot and Tool-Free structure design support easy and quick in-field termination, T568A & B wiring
- Power over HDBaseT™ (PoH) applications up to 100 W
- IP20 performance by the Dust-Cap and Push-Rotate boot design
- UL 1863 verified

Standards Compliance

- ANSI/TIA-568.2-D
- ISO/IEC 11801-1, Class EA/Class I
- IEC 60603-7-1
- IEC 60512-99-002
- IEEE 802.3bt Type 4 PoE++ (4PPoE) 100 W
- ANSI/TIA-1096-A (formerly FCC Part 68)
- UL1863
- RoHS/REACH compliant

Part Number Descriptions

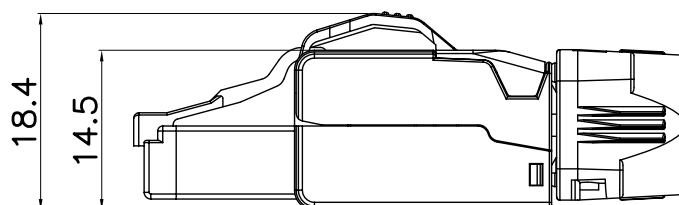
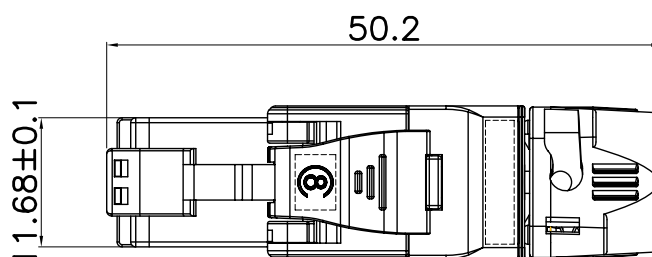
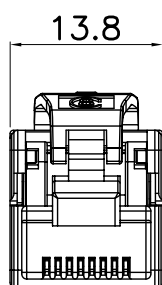
AAJBF 02051 50015	FPB-6A-FS	Cat.6A STP Field Termination Plug, Push-Rotate Boot, 23-26 AWG
AAJBF 02051 70015	FPB-C8-FS	Cat.8 STP Field Termination Plug, Push-Rotate Boot, 22-24 AWG

Packing Information

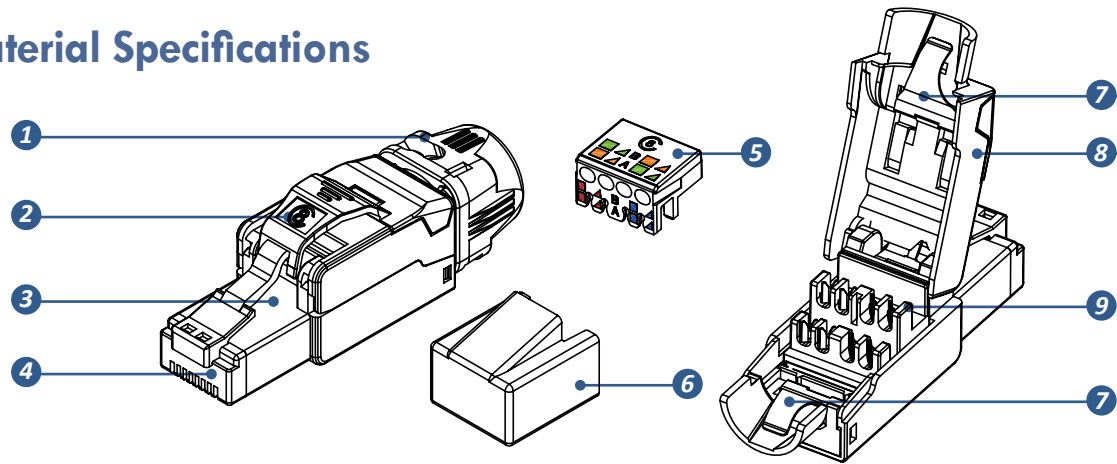
- 1 plug, 1 boot, 1 copper foil and 1 Dust-Cap per bag
- 50 bags per box
- 10 boxes per carton (500 pcs/carton)
- Net weight 12.4 kgs per carton
- Gross weight 14.8 kgs per carton
- Carton size L48.0 x W39.0 x H25.3cm, 1.67 CUFT, 0.047CBM

Dimensions (mm)

Tolerance: ± 0.3 mm



Material Specifications



Parts	Specifications
1. Boot	
1-1. Housing	Zinc Die-Casting with nickel plating
1-2. Spring	Piano steel wire SWP-B
2. Extractor	Polycarbonate, UL94V-2, black color
3. Housing	Zinc Die-Casting with nickel plating
4. RJ45 plug	
4-1. Housing	Polycarbonate, UL94V-2, transparent yellow color
4-2. Contacts material	Phosphor bronze with nickel plating
4-3. Contacts gold plating	50 micro-inch gold plating on surface plug contact area
5. Wire management bar (IDC-Cap)	Polycarbonate, UL94V-2, white color
6. Dust-Cap	PE, black color
7. Grounding contacts	Brass with nickel plating
8. Cover	Zinc Die-Casting with nickel plating
9. IDC	
9-1. Housing	Polycarbonate, UL94V-2, white color
9-2. Terminals	Copper-alloy with tin plating
10. PCB	FR4, UL94V-0
11. Copper foil tape	

Mechanical Characteristics

- Life (Mating cycles) ≥ 750 cycles
- Mating/Un-mating EC ≤ 30 N
- Retention strength 7.7 kg between jack and plug

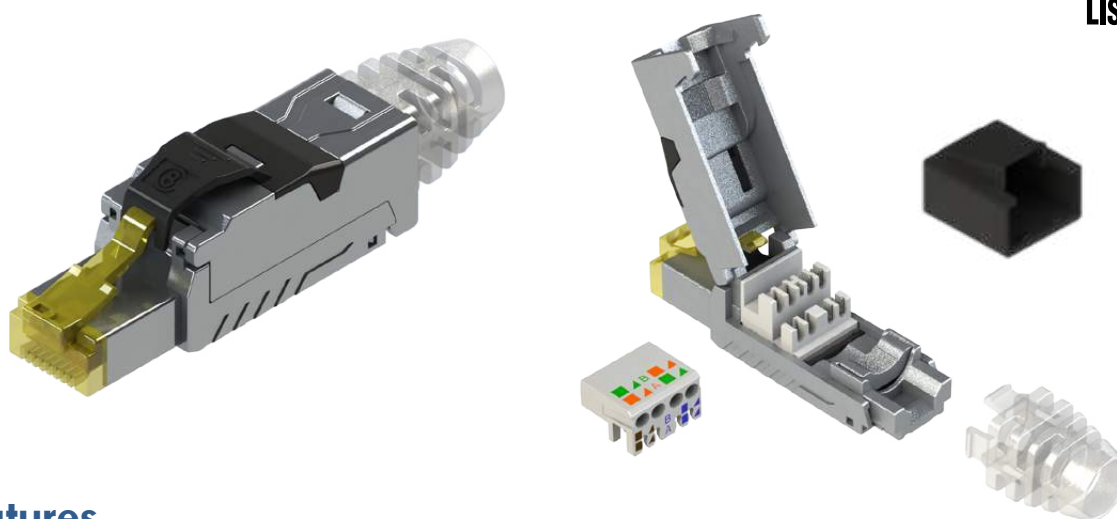
Installation Information

- Wire conductor range Solid and stranded, Cat.8 type: 22 - 24 AWG, Cat.6A type: 23 - 26 AWG
- Cable O.D. range 7.0 - 8.5 mm
- IDC re-installing cycles ≥ 20 cycles
- Installing temperature 0°C to 50°C (32°F to 122°F)
- Storage temperature -40°C to 70°C (-40°F to 158°F)
- Operating temperature -10°C to 60°C (14°F to 140°F)
- Humidity 10% to 90% RH

Electrical Characteristics

Contact resistance	$\leq 20 \text{ m}\Omega$, from initial
Insulation resistance	$\geq 500 \text{ M}\Omega$ at 100 Vdc, for 60 s
Voltage proof	Contact to contact 1000 Vdc, contact to shield 1500 Vdc, for 60 s
Current carrying capacity	1.0 A at 60°C
UL voltage rating	150 V
PoE	60 Vdc, 4PPoE 100 W, IEEE802.3bt type 4

STP Field Termination Plug, Snap-In Boot Type



Features

- High-Density and extreme performance by PCB compensation design for Hyper-Scale and Edge Data Center
- Tool-Free structure design support easy and quick in-field termination, T568A & B wiring
- Power over HDBaseT™ (PoH) applications up to 100 W
- IP20 performance by the Dust-Cap and Snap-In boot design
- UL 1863 verified

Standards Compliance

- ANSI/TIA-568.2-D
- ISO/IEC 11801-1, Class EA/Class I
- IEC 60603-7-1
- IEC 60512-99-002
- IEEE 802.3bt Type 4 PoE++ (4PPoE) 100 W
- ANSI/TIA-1096-A (formerly FCC Part 68)
- UL1863
- RoHS/REACH compliant

Part Number Descriptions

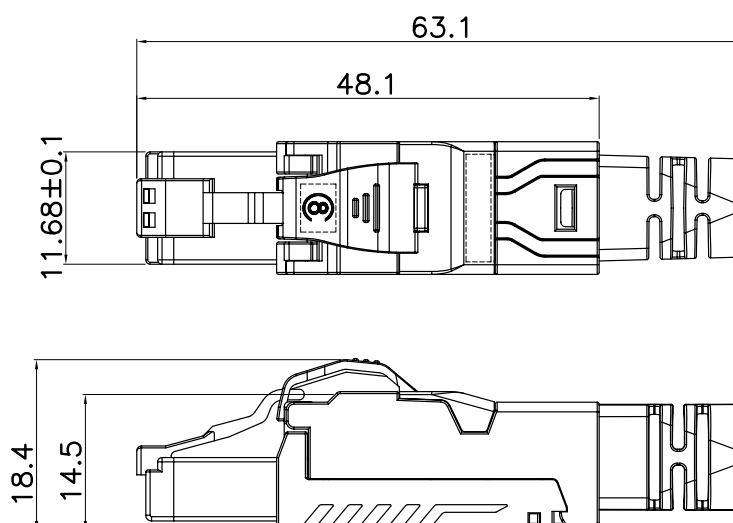
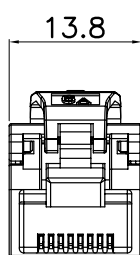
AAJBF 02001 50015	FP-6A-FS	Cat.6A STP Field Termination Plug, Snap-In Boot, 23-26 AWG
AAJBF 02001 70015	FP-C8-FS	Cat.8 STP Field Termination Plug, Snap-In Boot, 22-24 AWG

Packing Information

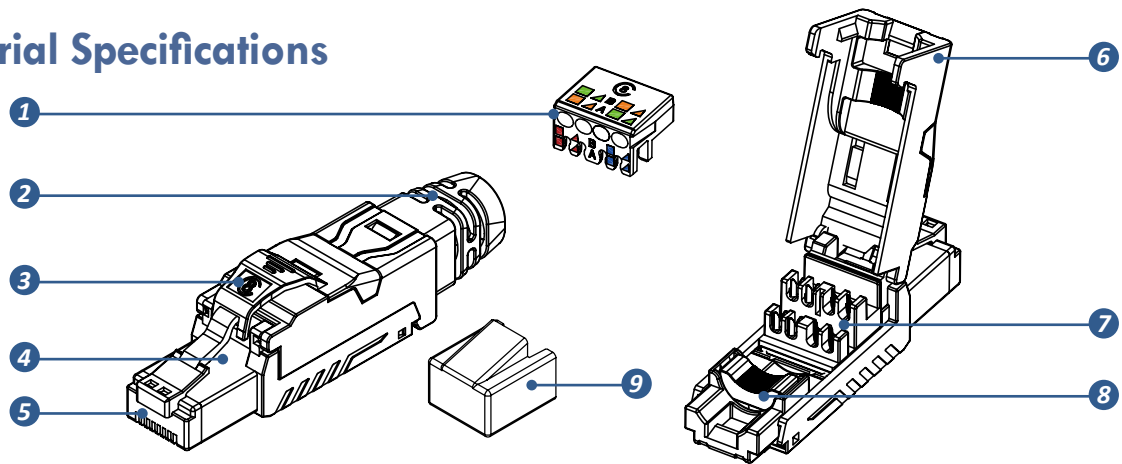
- 1 plug, 2 clear boots, 1 IDC-Cap, 1 copper foil and 1 Dust-Cap per bag
- 50 bags and 1 Installing-Instruction per box
- 10 boxes per carton (500 pcs/carton)
- Net weight 12.0 kgs per carton
- Gross weight 13.0 kgs per carton
- Carton size L48.0 x W39.0 x H25.3cm, 1.67 CUFT, 0.047CBM

Dimensions (mm)

Tolerance: ± 0.3 mm



Material Specifications



Parts	Specifications
1. Wire management bar (IDC-Cap)	Polycarbonate, UL94V-2, white color
2. Boot	
2-1. SR-A	Polycarbonate, UL94V-2, transparent color, O.D. 9.0 mm
2-2. SR-B	Polycarbonate, UL94V-2, transparent color, O.D. 7.3 mm
3. Extractor	Polycarbonate, UL94V-2, black color
4. Housing	Zinc Die-Casting with nickel plating
5. RJ45 plug	
5-1. Housing	Polycarbonate, UL94V-2, transparent yellow color
5-2. Contacts material	Phosphor bronze with nickel plating
5-3. Contacts gold plating	50 micro-inch gold plating on surface plug contact area
6. Cover	Zinc Die-Casting with nickel plating
7. IDC	
7-1. Housing	Polycarbonate, UL94V-2, white color
7-2. Terminals	Copper-alloy with tin plating
8. Grounding contacts	Zinc Die-Casting with nickel plating
9. Dust-Cap	PE, black color
10. PCB	FR4, UL94V-0
11. Copper foil tape	

Mechanical Characteristics

- Life (Mating cycles) ≥ 750 cycles
- Mating/Un-mating EC ≤ 30 N
- Retention strength 7.7 kg between jack and plug

Installation Information

- Wire conductor range Solid and stranded, Cat.8 type: 22 - 24 AWG, Cat.6A type: 23 - 26 AWG
- Cable O.D. range 5.6 - 8.5 mm
- IDC re-installing cycles ≥ 20 cycles
- Installing temperature 0°C to 50°C (32°F to 122°F)
- Storage temperature -40°C to 70°C (-40°F to 158°F)
- Operating temperature -10°C to 60°C (14°F to 140°F)
- Humidity 10% to 90% RH

Electrical Characteristics

Contact resistance	≤ 20 m Ω , from initial
Insulation resistance	≥ 500 M Ω at 100 Vdc, for 60 s
Voltage proof	Contact to contact 1000 Vdc, contact to shield 1500 Vdc, for 60 s
Current carrying capacity	1.0 A at 60°C
UL voltage rating	150 V
PoE	60 Vdc, 4PPoE 100 W, IEEE802.3bt type 4

UTP Field Termination Plug



Features

- Extreme performance by PCB compensation design for Hyper-Scale and Edge Data Center
- Easy field termination, T568A & B wiring
- Power over HDBaseT™ (PoH) applications up to 100 W
- Design to support Ethernet at rates up to 10 Gbps over distances up to 55 meters
- Up to 90 meters Modular Plug Terminated Link (MPTL) applications
- Design to support CAT6 patch cord component-rated

Standards Compliance

- ANSI/TIA-568.2-D
- ISO/IEC 11801-1, Class D/E
- IEC 60603-7
- IEC 60512-99-002
- IEEE 802.3bt Type 4 PoE++ (4PPoE) 100 W
- ANSI/TIA-1096-A (formerly FCC Part 68)
- UL1863
- RoHS/REACH compliant

Part Number Descriptions

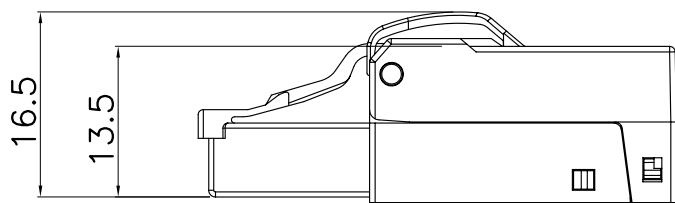
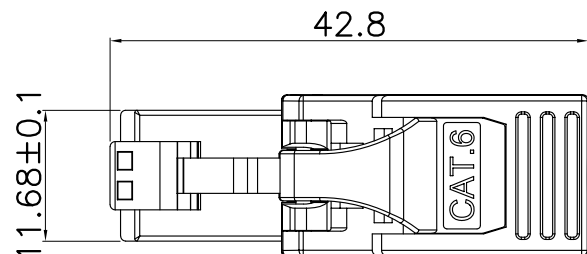
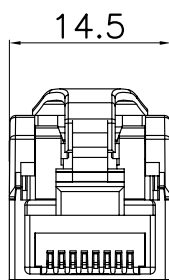
AAJBF 01071 40001 FPP-C6-US/BK Cat.6 UTP Field Termination Plug

Packing Information

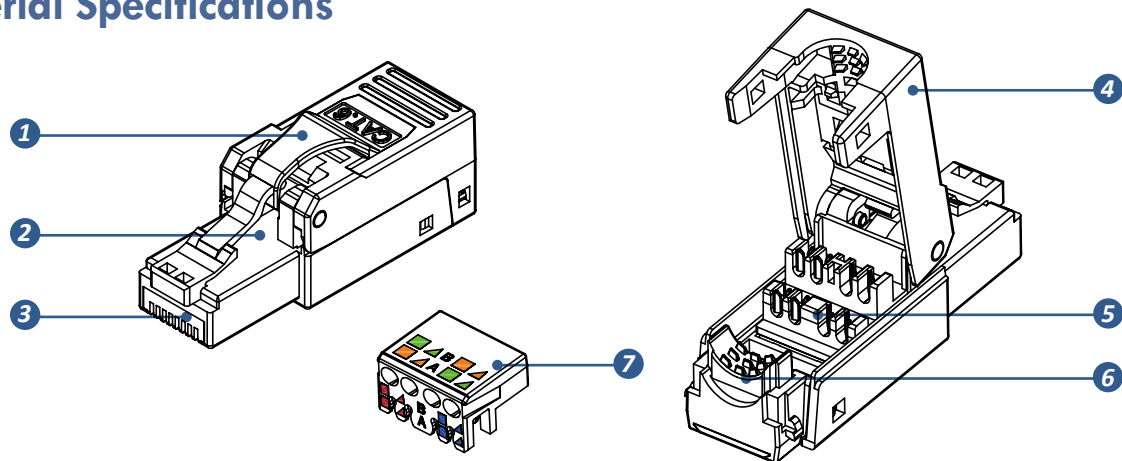
- 1 plug per bag
- 50 bags per box
- 10 boxes per carton (500 pcs/carton)
- Net weight 3.4 kgs per carton
- Gross weight 5.5 kgs per carton
- Carton size L48.0 x W39.0 x H25.3cm, 1.67 CUFT, 0.047CBM

Dimensions (mm)

Tolerance: ± 0.3 mm



Material Specifications



Parts	Specifications
1. Extractor	Polycarbonate, UL94V-2, black color
2. Housing	Polycarbonate, UL94V-2, black color
3. RJ45 plug	
3-1. Housing	Polycarbonate, UL94V-2, black color
3-2. Contacts material	Phosphor bronze with nickel plating
3-3. Contacts gold plating	50 micro-inch gold plating on surface plug contact area
4. Cover	Polycarbonate, UL94V-2, black color
5. IDC	
5-1. Housing	Polycarbonate, UL94V-2, white color
5-2. Terminals	Copper-alloy with tin plating
6. Clamp	Polycarbonate, UL94V-2, black color
7. Wire management bar (IDC-Cap)	Polycarbonate, UL94V-2, white color
8. PCB	FR4, UL94V-0

Mechanical Characteristics

- Life (Mating cycles) ≥ 750 cycles
- Mating/Un-mating ≤ 20 N
- Retention strength 7.7 kg between jack and plug

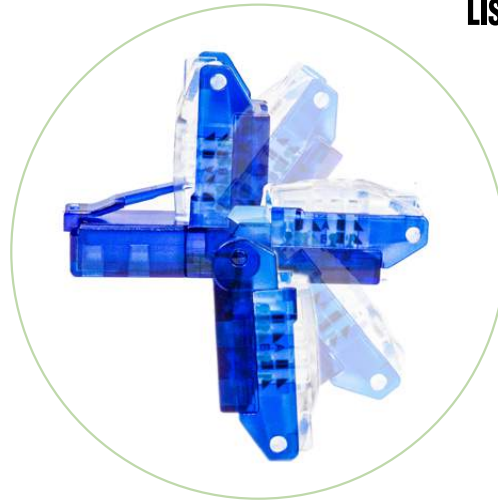
Installation Information

- Wire conductor range Solid and stranded, 23-26 AWG
- Cable O.D. range 5.0 mm to 7.5 mm
- IDC re-installing cycles ≥ 20 cycles
- Installing temperature 0°C to 50°C (32°F to 122°F)
- Storage temperature -40°C to 70°C (-40°F to 158°F)
- Operating temperature -10°C to 60°C (14°F to 140°F)
- Humidity 10% to 90% RH

Electrical Characteristics

Contact resistance	≤ 20 m Ω , from initial
Insulation resistance	≥ 500 M Ω at 100 Vdc, for 60 s
Voltage proof	Contact to contact 1000 Vdc, for 60 s
Current carrying capacity	1.0 A at 60°C
UL voltage rating	150 V
PoE	60 Vdc, 4PPoE 100 W, IEEE802.3bt type 4

Rotatable UTP Field Termination Plug



Features

- Rotatable design to fit in the small space
- PCB compensation design, up to 90 meters Modular Plug Terminated Link(MPTL) applications
- Easy field termination, T568A & B wiring
- Power over HDBaseT™ (PoH) applications up to 30 W
- UL 1863 verified

Standards Compliance

- ANSI/TIA-568.2-D
- ISO/IEC 11801-1, Class D/E
- IEC 60603-7
- IEC 60512-99-001
- IEEE 802.3at Type 2 PoE 30 W
- ANSI/TIA-1096-A (formerly FCC Part 68)
- UL1863
- RoHS/REACH compliant

Part Number Descriptions

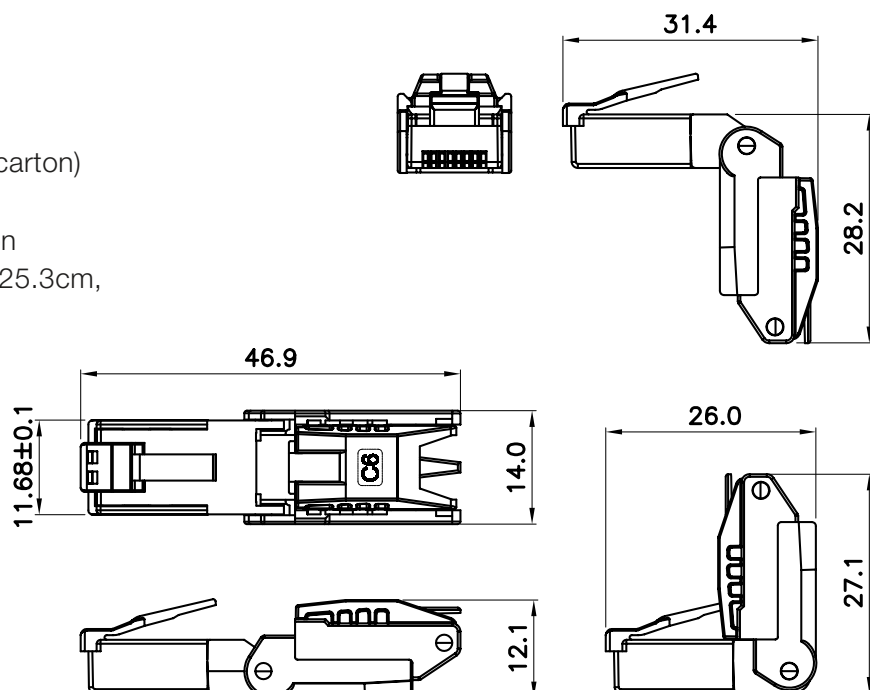
AAJBF 01031 30007	FPR-CE-US/BL	Cat.5E Rotatable UTP Field Termination Plug, blue color
AAJBF 01031 40007	FPR-C6-US/BL	Cat.6 Rotatable UTP Field Termination Plug, blue color

Packing Information

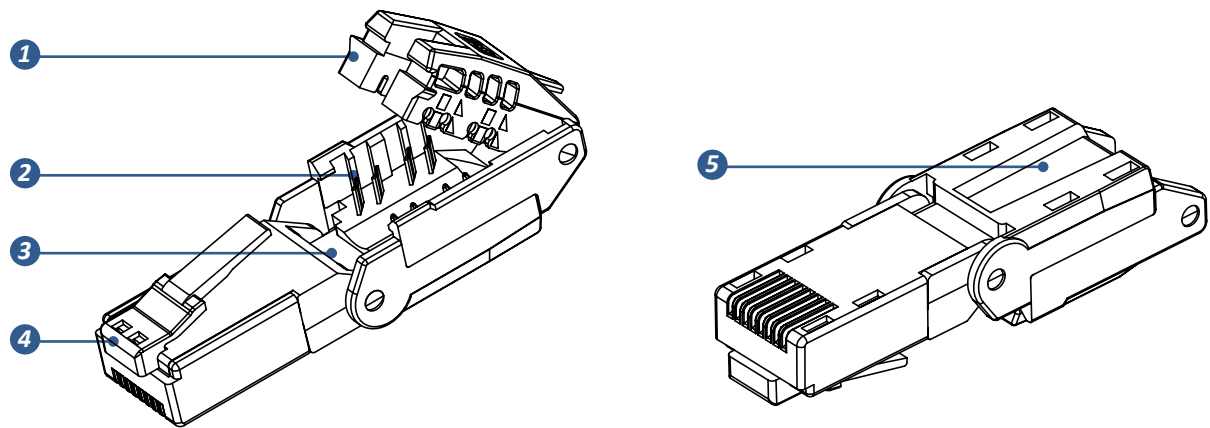
- 1 plug per bag
- 50 bags per box
- 10 boxes per carton (500 pcs/carton)
- Net weight 1.8 kgs per carton
- Gross weight 4.3 kgs per carton
- Carton size L48.0 x W39.0 x H25.3cm, 1.67 CUFT, 0.047CBM

Dimensions (mm)

Tolerance: ± 0.3 mm



Material Specifications



Parts	Specifications
1. Wire management cap (IDC-Cap)	Polycarbonate, UL94V-0, transparent color
2. IDC terminals	Copper-alloy with tin plating
3. Flex PCB pad	Silica gel, UL94V-0, black color
4. RJ45 plug	
4-1. Housing	Polycarbonate, UL94V-2, transparent blue color
4-2. Contacts material	Bronze plating on flex PCB
4-3. Contacts gold plating	2 micro-inch gold plating on surface contact area
5. IDC housing	Polycarbonate, UL94V-0, transparent blue color
6. PCB	FPC, UL94V-0

Mechanical Characteristics

- Life (Mating cycles) ≥ 750 cycles
- Life (180° rotating cycles) ≥ 500 cycles
- Mating/Un-mating ≤ 20 N
- Retention strength 7.7 kg between jack and plug

Installation Information

- Wire conductor range Solid and stranded, 24-26 AWG
- Cable O.D. range 5.0 mm to 6.0 mm
- IDC re-installing cycles ≥ 20 cycles
- Installing temperature 0°C to 50°C (32°F to 122°F)
- Storage temperature -40°C to 70°C (-40°F to 158°F)
- Operating temperature -10°C to 60°C (14°F to 140°F)
- Humidity 10% to 90% RH

Electrical Characteristics

Contact resistance	≤ 20 m Ω , from initial
UL voltage rating	150 V
PoE	60 Vdc, PoE 30 W, IEEE802.3at type 2

Cat.8 S/FTP 22 AWG Field Termination Plug Patch Cord



Features

- PCB compensation design for further Cat.8 component patch cord requirement
- GHMT verified ISO/IEC11801-1 Class I performance up to 2000MHz
- 100% Cat.8 performance tested in factory
- Perfect EMC performance, robust and durable structure by the Full-Shielded Die-Casting material Field-Term plug and S/FTP cable
- Power over HDBaseT™ (PoH) applications up to 100 W

Standards Compliance

- ANSI/TIA-568.2-D
- ISO/IEC 11801-1, Class I
- IEC 60603-7-1
- IEC 60512-99-002
- IEEE 802.3bt type 4 PoE++(4PPoE) 100 W
- ANSI/TIA-1096-A (formerly FCC Part 68)
- UL444 (for UL CM PVC jacket material only)
- IEC 61935-2
- IEC 61034-2 Smoke (for LSZH material only)
- IEC 60754-2 Halogen/Acid (for LSZH material only)
- RoHS /REACH compliant

Part Number Descriptions

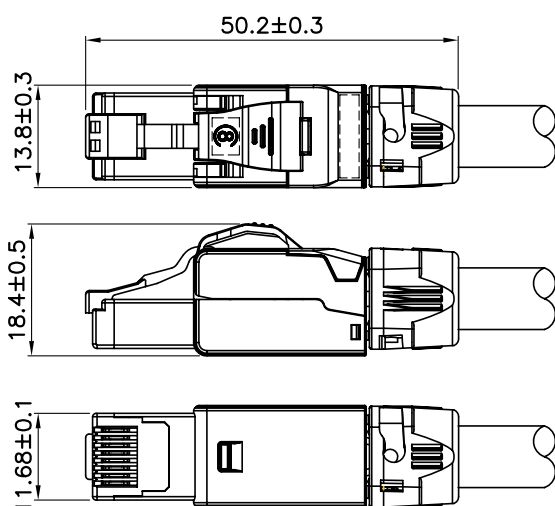
ACBVA 06618 20302 Cat.8 S/FTP 22 AWG Field Termination Plug Patch Cord, T568B, LSZH, yellow color, 30m

ACxVA 06618 2 xxx 2
(1) (2)

x (1) Jacket material
xxx (2) Length

B=LSZH, U=UL CM PVC,
001=1 meter, 005=5 meters, 030=30 meters

Dimensions (mm)

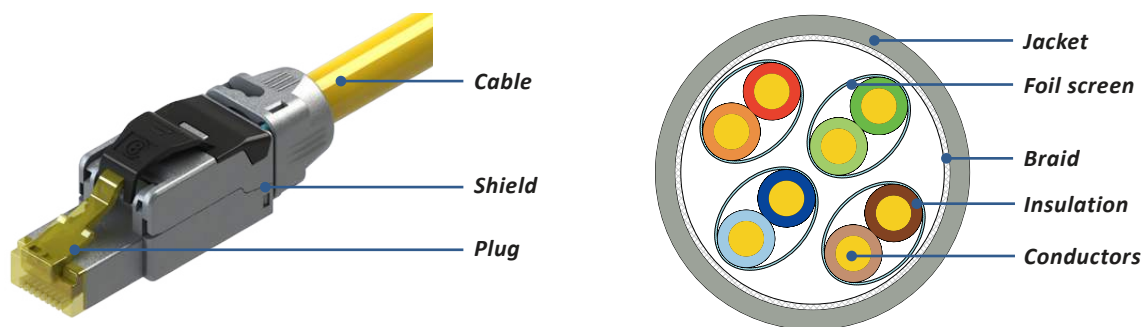


Length Information, at 20°C

- Length Available :
2-connector 30m Channel : 1m to 5m
Point to Point (w/o Perm. Link) : 1m to 30m
 - Length Tolerance :
1m : +20/-0cm
2m to 30m : ±20cm
 - 30m Channel Linking Information :
- | Cord A | Perm. Link | Cord B | |
|--------|------------|--------|-----------------|
| 1m | 24m | 5m | Channel & 4PPoE |
| 2m | 24m | 4m | Channel & 4PPoE |
| 3m | 24m | 3m | Channel & 4PPoE |
| 2m | 26m | 2m | Channel & 4PPoE |

Specifications

Patch cord (IEC 61935-2, Patch Cord Reliability)



Life (Mating cycles)	Min. 750 cycles
Pulling tension	50 N for 60 s
Strain relief	50 N for 60 s in all direction
Flexing	2 N for 500 cycles, 20 cycles per 60 s
Bend radius	Min. 67.2 mm, 8x of cable O.D.
Insulation resistance	$\geq 500 \text{ M}\Omega$ at 100 Vdc, for 60 s
Voltage proof	Contact to contact 1000 Vdc, contact to shield 1500 Vdc, for 60 s
Installing temperature	0°C to 50°C (32°F to 122°F)
Storage temperature	-40°C to 70°C (-40°F to 158°F), under static conditions
Operating temperature	-10°C to 60°C (14°F to 140°F), under static conditions

Cable

- Conductors Bare copper, 22 AWG, 1 x 0.64±0.005 mm
- Insulation Foam PE, O.D. 1.68±0.03 mm
- Foil Screen Aluminum/PET on each pair
- Braid Tinned copper wires, min. 30% coverage
- Drain wire n/a
- Jacket 0.65 mm (nominal) thickness, O.D. 8.4±0.2 mm
- Cross filler (separator) n/a

Printing on the cable

- **LSZH** S/FTP INSTALL CABLE 22 AWG 4PR LSZH ISO/IEC 11801 CLASS I & ANSI/TIA-568.2-D CAT.8 XXXXXX-X XXXM
- **CM PVC** S/FTP INSTALL CABLE 22 AWG 4PR E178558 C(UL)US TYPE CM 75°C ISO/IEC 11801 CLASS I & ANSI/TIA-568.2-D CAT.8 XXXXXX-X XXXM

Plug

- Conductors Min. 0.3 mm thickness phosphor bronze
- Gold plating 50 micro-inch gold plating over nickel plating on contact area
- Housing Polycarbonate, UL94V-2, transparent yellow color
- Shield Zinc Die-Casting with nickel plating
- Contact resistances $\leq 20 \text{ m}\Omega$
- PCB UL94V-0

Cat.8 S/FTP 24 AWG PCB Patch Cord



Features

- PCB compensation design for further Cat.8 component patch cord requirement
- GHMT verified ISO/IEC11801-1 Class I up to 2000MHz
- 100% Cat.8 performance tested in factory
- Perfect EMC performance, robust and durable structure by the Full-Shielded plug design and S/FTP cable
- Power over HDBaseT™ (PoH) applications up to 100 W

Standards Compliance

- ANSI/TIA-568.2-D
- ISO/IEC 11801-1, Class I
- IEC 60603-7-1
- IEC 60512-99-002
- IEEE 802.3bt type 4 PoE++(4PPoE) 100 W
- ANSI/TIA-1096-A (formerly FCC Part 68)
- UL444 (for UL CM PVC jacket material only)
- IEC 61935-2
- IEC 61034-2 Smoke (for LSZH material only)
- IEC 60754-2 Halogen/Acid (for LSZH material only)
- RoHS /REACH compliant

Part Number Descriptions

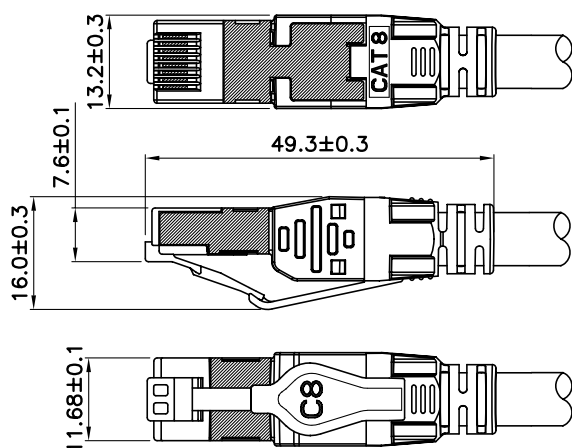
ACBIA 06607 20302 Cat.8 S/FTP 24 AWG PCB Patch Cord, T568B, LSZH, yellow color, 30m

AC**x****IA** 06607 2 **xxx** 2
(1) (2)

x (1) Jacket material
xxx (2) Length

B=LSZH, U=UL CM PVC,
001=1 meter, 005=5 meters, 030=30 meters

Dimensions (mm)

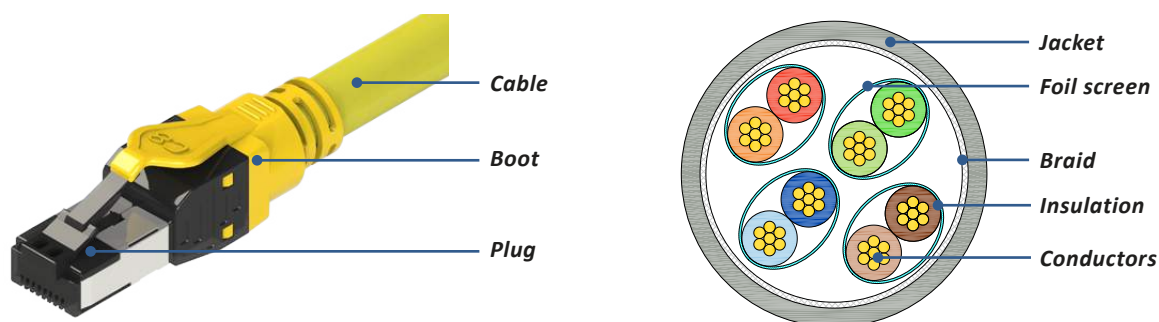


Length Information, at 20°C

- Length Available :
2-connector 30m Channel : 1m to 5m
Point to Point (w/o Perm. Link) : 1m to 30m
 - Length Tolerance :
1m : +20/-0cm
2m to 30m : ±20cm
 - 30m Channel Linking Information :
- | Cord A | Perm. Link | Cord B | |
|--------|------------|--------|-----------------|
| 1m | 24m | 5m | Channel & 4PPoE |
| 2m | 24m | 4m | Channel & 4PPoE |
| 3m | 24m | 3m | Channel & 4PPoE |
| 2m | 26m | 2m | Channel & 4PPoE |

Specifications

Patch cord (IEC 61935-2, Patch Cord Reliability)



Life (Mating cycles)	Min. 750 cycles
Pulling tension	50 N for 60 s
Strain relief	50 N for 60 s in all direction
Flexing	2 N for 500 cycles, 20 cycles per 60 s
Bend radius	Min. 58.4 mm, 8x of cable O.D.
Insulation resistance	$\geq 500 \text{ M}\Omega$ at 100 Vdc, for 60 s
Voltage proof	Contact to contact 1000 Vdc, contact to shield 1500 Vdc, for 60 s
Installing temperature	0°C to 50°C (32°F to 122°F)
Storage temperature	-40°C to 70°C (-40°F to 158°F), under static conditions
Operating temperature	-10°C to 60°C (14°F to 140°F), under static conditions

Cable

- Conductors Bare copper, 24 AWG, 7 x 0.192±0.005 mm
- Insulation Foam PE, O.D. 1.4±0.03 mm
- Foil Screen Aluminum/PET on each pair
- Braid Tin plated copper, min. 30% coverage
- Drain wire n/a
- Jacket 0.65 mm (nominal) thickness, O.D. 7.3±0.2 mm
- Cross filler (separator) n/a

Printing on the cable

- **LSZH** S/FTP PATCH CABLE 24 AWG 4PR LSZH ISO/IEC 11801 CLASS I & ANSI/TIA-568.2-D CAT.8 XXXXXX-X
- **CM PVC** S/FTP PATCH CABLE 24 AWG 4PR E178558 C(UL)US TYPE CM 75°C ISO/IEC 11801 CLASS I & ANSI/TIA-568.2-D CAT.8 XXXXXX-X

Plug

- Conductors Min. 0.3 mm thickness phosphor bronze
- Gold plating 50 micro-inch gold plating over nickel plating on contact area
- Housing PC, UL94V-2
- Shield Brass with nickel plating
- Contact resistances $\leq 20 \text{ m}\Omega$
- PCB UL94V-0

Boot

- Assembly boot PC, UL94V-2, yellow color

40G S/FTP 24 AWG PET-Braid Patch Cord



Features

- PCB compensation design for 4K/8K TV application
- Compliant with the ISO/IEC11801-1 Class I performance up to 2000MHz
- 100% Cat.8 performance tested in factory
- Perfect EMC performance, robust and durable structure by the Full-Shielded Die-Casting material Field-Term plug and Nylon-Braid protection on S/FTP cable
- Power over HDBaseT™(PoH) applications up to 100 W

Standards Compliance

- ANSI/TIA-568.2-D
- ISO/IEC 11801-1, Class I
- IEC 60603-7-1
- IEC 60512-99-002
- IEEE 802.3bt type 4 PoE++(4PPoE) 100 W
- ANSI/TIA-1096-A (formerly FCC Part 68)
- UL444 (for UL CM PVC jacket material only)
- IEC 61935-2
- IEC 61034-2 Smoke (for LSZH material only)
- IEC 60754-2 Halogen/Acid (for LSZH material only)
- RoHS /REACH compliant

Part Number Descriptions

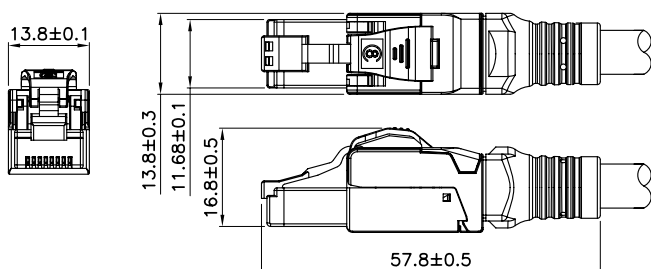
ACBIA 01620 20302 40G S/FTP 24 AWG Patch Cord, T568B, LSZH, black color, 30m

AC**x**IA 01620 2 **xxx** 2
(1) (2)

x (1) Jacket material
xxx (2) Length

B=LSZH, U=UL CM PVC,
001=1 meter, 030=30 meters

Dimensions (mm)

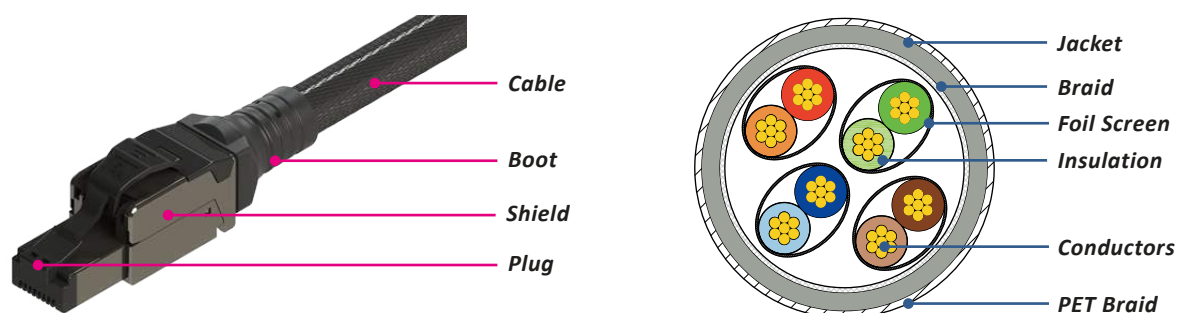


Length Information, at 20°C

- Length Available :
 - 2-connector 30m Channel : n/a
 - Point to Point (w/o Perm. Link) : 1m to 30m
- Length Tolerance :
 - 1m : $+20/-0$ cm
 - 2m to 30m : ± 20 cm

Specifications

Patch cord (IEC 61935-2, Patch Cord Reliability)



Life (Mating cycles)	Min. 750 cycles
Pulling tension	50 N for 60 s
Strain relief	50 N for 60 s in all direction
Flexing	2 N for 500 cycles, 20 cycles per 60 s
Bend radius	Min. 58.4 mm, 8x of cable O.D.
Insulation resistance	$\geq 500 \text{ M}\Omega$ at 100 Vdc, for 60 s
Voltage proof	Contact to contact 1000 Vdc, contact to shield 1500 Vd, for 60 s
Installing temperature	0°C to 50°C (32°F to 122°F)
Storage temperature	-40°C to 70°C (-40°F to 158°F), under static conditions
Operating temperature	-10°C to 60°C (14°F to 140°F), under static conditions

Cable

- Conductors Bare copper, 24 AWG, $7 \times 0.192 \pm 0.005 \text{ mm}$
- Insulation Foam PE, O.D. $1.4 \pm 0.03 \text{ mm}$
- Foil Screen Aluminum/PET on each pair
- Braid Tin plated copper, 30% coverage
- Drain wire n/a
- Jacket 0.65 mm (nominal) thickness, O.D. $7.3 \pm 0.2 \text{ mm}$
- Cross filler (separator) n/a
- Jacket protection PET

Printing on the cable

- **LSZH** S/FTP PATCH CABLE 24 AWG 4PR LSZH ISO/IEC 11801 CLASS I & ANSI/TIA-568.2-D CAT.8 XXXXXXXX-X
- **CM PVC** S/FTP PATCH CABLE 24 AWG 4PR E178558 C(UL)US TYPE CM 75°C ISO/IEC 11801 CLASS I & ANSI/TIA-568.2-D CAT.8 XXXXXXXX-X

Plug

- Conductors Min. 0.3 mm thickness phosphor bronze
- Gold plating 50 micro-inch gold plating over nickel plating on contact area
- Housing Polycarbonate, UL94V-2, transparent yellow color
- Shield Zinc Die-Casting with nickel plating
- Contact resistances $\leq 20 \text{ m}\Omega$
- PCB UL94V-0

Boot

- Molded boot PVC

Enhanced Cat.6_A S/FTP 26 AWG Component Rated Patch Cord



Features

- Enhanced Cat.6A S/FTP component rated patch cord upward compatible with 40Gbps applications
- Compliant with both ISO/IEC11801-1 Cat.6A component rated patch cord and Cat.8 Class I performance up to 2000MHz
- Power over HDBaseT™ (PoH) applications up to 100 W

Standards Compliance

- ANSI/TIA-568.2-D
- ISO/IEC 11801-1, Class I
- IEC 60603-7-1
- IEC 60512-99-002
- IEEE 802.3bt type 4 PoE++(4PPoE) 100 W
- ANSI/TIA-1096-A (formerly FCC Part 68)
- UL444 (for UL CM PVC jacket material only)
- IEC 61935-2
- IEC 61034-2 Smoke (for LSZH material only)
- IEC 60754-2 Halogen/Acid (for LSZH material only)
- RoHS /REACH compliant

Part Number Descriptions

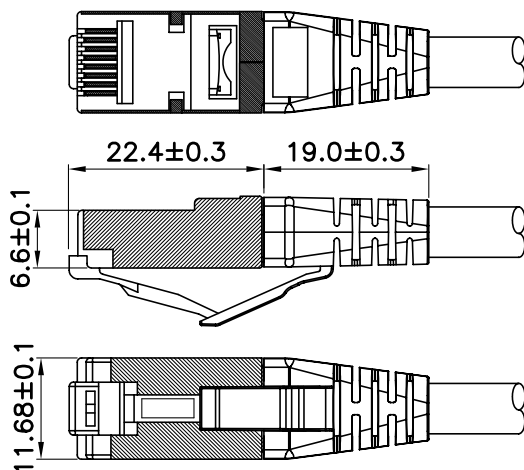
ACBIB 01078 20202 Enhanced Cat.6A S/FTP 26 AWG Component-Rated Patch Cord, T568B, LSZH, black, 20m

AC**x****IB** 01078 2 **xxx** 2
(1) (2)

x (1) Jacket material
xxx (2) Length

B=LSZH, U=UL CM PVC,
001=1 meter, 020=20 meters

Dimensions (mm)



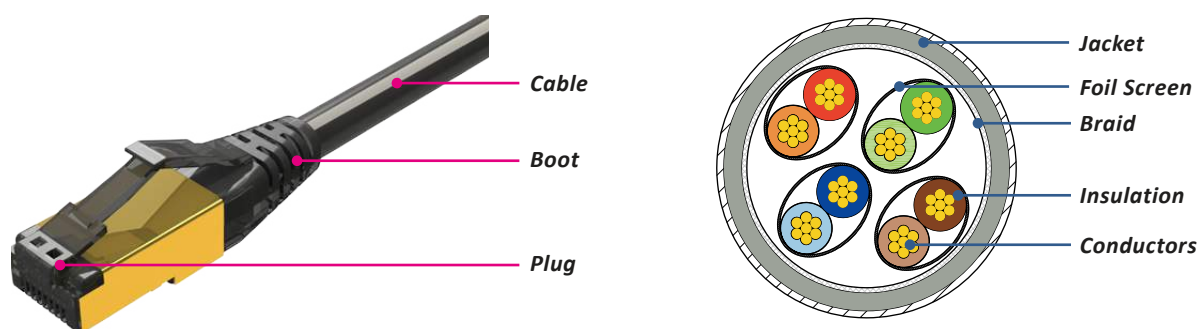
Length Information, at 20°C

- Length Available :
 - Cat.8 2-connector 30m Channel : 1m to 5m
 - Cat.8 Point to Point (w/o Perm. Link) : 1m to 20m
 - Cat.6A component : 1m to 30m
- Length Tolerance :
 - 1m to 5m : ±2cm
 - 5.1m to 30m : ±7cm
- Cat.8 30m Channel Linking Information :

Cord A	Perm. Link	Cord B	
1m	24m	5m	Channel & 4PPoE
2m	24m	4m	Channel & 4PPoE
3m	24m	3m	Channel & 4PPoE
2m	26m	2m	Channel & 4PPoE

Specifications

Patch cord (IEC 61935-2, Patch Cord Reliability)



Life (Mating cycles)	Min. 750 cycles
Pulling tension	50 N for 60 s
Strain relief	50 N for 60 s in all direction
Flexing	1 N for 500 cycles, 20 cycles per 60 s
Bend radius	Min. 58.4 mm, 8x of cable O.D.
Insulation resistance	$\geq 500 \text{ M}\Omega$ at 100 Vdc, for 60 s
Voltage proof	Contact to contact 1000 Vdc, contact to shield 1500 Vdc, for 60 s
Installing temperature	0°C to 50°C (32°F to 122°F)
Storage temperature	-40°C to 70°C (-40°F to 158°F), under static conditions
Operating temperature	-10°C to 60°C (14°F to 140°F), under static conditions

Cable

- Conductors Bare copper, 26 AWG, 7 x 0.152±0.005 mm
- Insulation Foam PE, O.D. 1.06±0.03 mm
- Foil Screen Aluminum/PET on each pair
- Braid Tinned copper-clad steel, min. 30% coverage
- Drain wire n/a
- Jacket 0.55 mm (nominal) thickness, O.D. 5.9±0.2 mm
- Cross filler (separator) n/a

Printing on the cable

- **LSZH** S/FTP PATCH CABLE 26 AWG 4PR LSZH ISO/IEC 11801 CLASS I & ANSI/TIA-568.2-D CAT.8 XXXXXX-X
- **CM PVC** S/FTP PATCH CABLE 26 AWG 4PR E178558 C(UL)US TYPE CM 75°C ISO/IEC 11801 CLASS I & ANSI/TIA-568.2-D CAT.8 XXXXXX-X

Plug

- Conductors Min. 0.3 mm thickness phosphor bronze
- Gold plating 50 micro-inch gold plating over nickel plating on contact area
- Housing Polycarbonate, UL94V-2, transparent-black color
- Shield Brass with Gold-Flush plating
- Contact resistances $\leq 20 \text{ m}\Omega$

Boot

- Boot Polycarbonate, UL94V-2, transparent-black color

Cat.6A UTP 26 AWG Component-Rated Patch Cord



Features

- Small, flexibly cable and extreme performance design for Hyper-Scale and Edge Data Center
- Compliant with ISO/IEC11801-1 class EA and ANSI/TIA 568.2-D Cat.6A 4-conductor channel including the Alien Cross Talk
- Compliant with ANSI/TIA 568.2-D Cat.6A patch cord component performance
- Power over HDBaseT™ (PoH) applications up to 100 W

Standards Compliance

- ANSI/TIA-568.2-D
- ISO/IEC 11801-1, Class EA
- IEC 60603-7
- IEC 60512-99-002
- IEEE 802.3bt type 4 PoE++(4PPoE) 100 W
- ANSI/TIA-1096-A (formerly FCC Part 68)
- UL444 (for UL CM PVC jacket material only)
- IEC 61935-2
- IEC 61034-2 Smoke (for LSZH material only)
- IEC 60754-2 Halogen/Acid (for LSZH material only)
- RoHS /REACH compliant

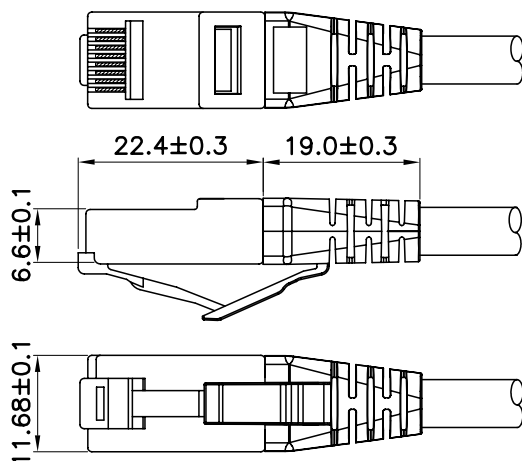
Part Number Descriptions

ACUHA 02080 20012 Cat.6A UTP 26 AWG Component-Rated Patch Cord, T568B, grey color, 1m

ACxHA xx080 2 xxx x
(1) (2) (3) (4)

- x (1) Jacket material** B=LSZH, U=UL CM PVC,
xx (2) Jacket color 01=black (RAL9011), 02=grey (RAL7035), 03=red (RAL3031), 05=white (RAL9010),
 06=yellow (RAL1021), 07=blue (RAL5015), 08=green (RAL6029), 09=orange (RAL2003)
 10=purple (RAL4005), 11=pink (RAL4003)
xxx (3) Length ---
x (4) Length unit 1=cm, 2=meter, 3=foot
(3) (4) 0501=50 cm(0.5 meter), 0012=1 meter, 0102=10 meters, 0033=3 feet, 0103=10 feet

Dimensions (mm)



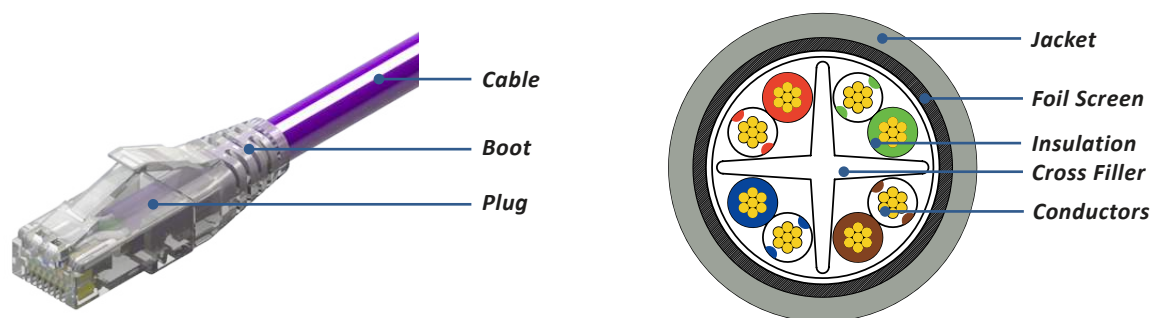
Length Information, at 20°C

- Length Available :
 Component : 0.5m to 20m
 2-conductor Channel : 0.5m to 20m
 Point to Point (w/o Perm. Link) : 0.5m to 80m
- Length Tolerance :
 0.5m to 5m : ±2cm
 5.1m to 50m : ±7cm
 50.1m to 80m : ±10cm
- Channel Linking Information :

Cord A	Perm. Link	Cord B	
9m	90m	1m	Channel & 4PPoE
0.5m	10m	1m	Channel & 4PPoE
20m	75m	1m	Channel & 4PPoE

Specifications

Patch cord (IEC 61935-2, Patch Cord Reliability)



Life (Mating cycles)	Min. 750 cycles
Pulling tension	50 N for 60 s
Strain relief	50 N for 60 s in all direction
Flexing	1 N for 500 cycles, 20 cycles per 60 s
Bend radius	Min. 180 mm
Insulation resistance	$\geq 500 \text{ M}\Omega$ at 100 Vdc, for 60 s
Voltage proof	Contact to contact 1000 Vdc, for 60 s
Installing temperature	0°C to 50°C (32°F to 122°F)
Storage temperature	-40°C to 70°C (-40°F to 158°F), under static conditions
Operating temperature	-10°C to 60°C (14°F to 140°F), under static conditions

Cable

- Conductors Bare copper, 26 AWG, $7 \times 0.152 \pm 0.005 \text{ mm}$
- Insulation PE, O.D. $0.85 \pm 0.02 \text{ mm}$
- Foil Screen Aluminum/PET
- Braid n/a
- Drain wire n/a
- Jacket 0.55 mm (nominal) thickness, O.D. $5.9 \pm 0.2 \text{ mm}$
- Cross filler (separator) PE

Printing on the cable

- **LSZH** PATCH CABLE 26 AWG 4PR LSZH ISO/IEC 11801 CLASS EA & ANSI/TIA-568.2-D CAT.6A XXXXXXXX-X
- **CM PVC** PATCH CABLE 26 AWG 4PR E178558 C(UL)US TYPE CM 75°C ISO/IEC 11801 CLASS EA & ANSI/TIA-568.2-D CAT.6A XXXXXXXX-X

Plug

- Conductors Phosphor bronze, min. 0.3 mm thickness
- Gold plating 50 micro-inch gold plating over nickel plating on contact area
- Housing 2 rows type, polycarbonate, UL94V-2, transparent color
- Load bar 2 rows type, polycarbonate, UL94V-2, transparent color
- Shield n/a
- Contact resistances $\leq 20 \text{ m}\Omega$

Boot

- Boot Polycarbonate, UL94V-2, transparent color

Cat.6A UTP 28 AWG Component-Rated Slim Patch Cord



Features

- Small, flexibly cable and extreme performance design for Hyper-Scale and Edge Data Center
- Compliant with ISO/IEC11801-1 class EA and ANSI/TIA 568.2-D Cat.6A 4 points channel including the AXT - Alien Cross Talk
- Compliant with ANSI/TIA 568.2-D Cat.6A patch cord component performance
- Power over HDBaseT™ (PoH) applications up to 100 W

Standards Compliance

- ANSI/TIA-568.2-D
- ISO/IEC 11801-1, Class EA
- IEC 60603-7
- IEC 60512-99-002
- IEEE 802.3bt type 4 PoE++(4PPoE) 100 W
- ANSI/TIA-1096-A (formerly FCC Part 68)
- UL444 (for UL CM PVC jacket material only)
- IEC 61935-2
- IEC 61034-2 Smoke (for LSZH material only)
- IEC 60754-2 Halogen/Acid (for LSZH material only)
- RoHS /REACH compliant

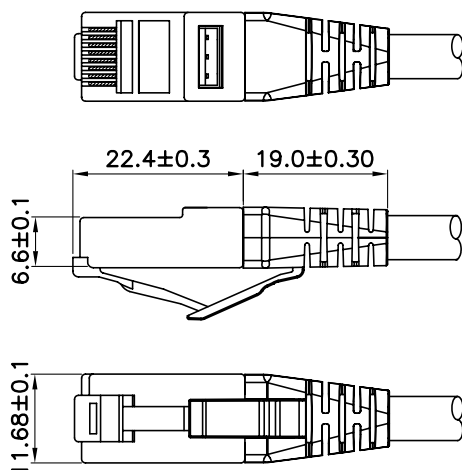
Part Number Descriptions

ACUUP 02080 20012 Cat.6A UTP 28 AWG Component-Rated Slim Patch Cord, T568B, grey color, 1m

AC**x**UP **xx**080 2 **xxx** **x**
 (1) (2) (3) (4)

- x** (1) **Jacket material** B=LSZH, U=UL CM PVC,
xx (2) **Jacket color** 01=black (RAL9011), 02=grey (RAL7035), 03=red (RAL3031), 05=white (RAL9010),
 06=yellow (RAL1021), 07=blue (RAL5015), 08=green (RAL6029), 09=orange (RAL2003)
 10=purple (RAL4005), 11=pink (RAL4003)
xxx (3) **Length** ---
x (4) **Length unit** 1=cm, 2=meter, 3=foot
 (3) (4) 0501=50 cm(0.5 meter), 0012=1 meter, 0102=10 meters, 0033=3 feet, 0103=10 feet

Dimensions (mm)



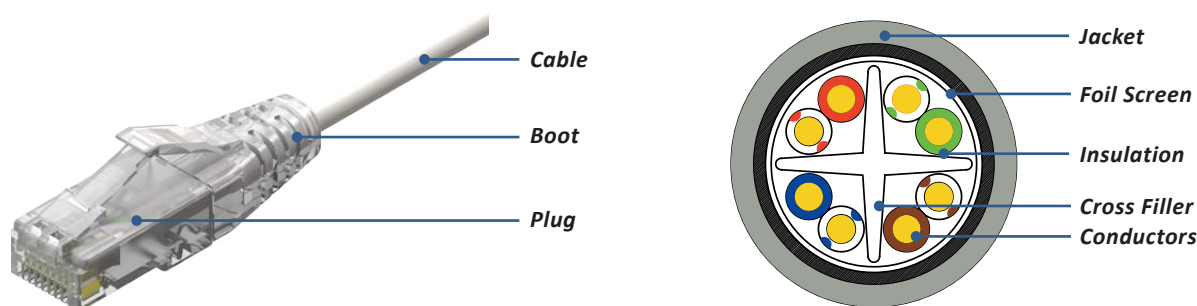
Length Information, at 20°C

- Length Available :
 - Component : 1m to 15m
 - 2-connector Channel : 1m to 15m
 - Point to Point (w/o Perm. Link) : 0.5m to 40m
- Length Tolerance :
 - 1m to 5m : ±2cm
 - 5.1m to 40m : ±7cm
- Channel Linking Length Information :

Cord A	Perm. Link	Cord B	
5m	90m	1m	Channel & 4PPoE
15m	70m	1m	Channel & 4PPoE
1m	10m	1m	Channel & 4PPoE

Specifications

Patch cord (IEC 61935-2, Patch Cord Reliability)



Life (Mating cycles)	Min. 750 cycles
Pulling tension	50 N for 60 s
Strain relief	50 N for 60 s in all direction
Flexing	2 N for 500 cycles, 20 cycles per 60 s
Bend radius	Min. 180 mm
Insulation resistance	$\geq 500 \text{ M}\Omega$ at 100 Vdc, for 60 s
Voltage proof	Contact to contact 1000 Vdc, for 60 s
Installing temperature	0°C to 50°C (32°F to 122°F)
Storage temperature	-40°C to 70°C (-40°F to 158°F), under static conditions
Operating temperature	-10°C to 60°C (14°F to 140°F), under static conditions

Cable

- Conductors Bare copper, 28 AWG, 1 x 0.325±0.005 mm
- Insulation PE, O.D. 0.62 ±0.03 mm
- Foil Screen Aluminum/PET
- Braid n/a
- Drain wire n/a
- Jacket 0.5 mm (nominal) thickness, O.D. 4.6±0.2 mm
- Cross filler (separator) PE

Printing on the cable

- **LSZH** SOLID CABLE 28 AWG 4PR LSZH ISO/IEC 11801 CLASS EA & ANSI/TIA-568.2-D CAT.6A XXXXXXXX-X
- **CM PVC** SOLID CABLE 28 AWG 4PR E178558 C(UL)US TYPE CM 75°C ISO/IEC 11801 CLASS EA & ANSI/TIA-568.2-D CAT.6A XXXXXXXX-X

Plug

- Conductors Phosphor bronze, min. 0.3 mm thickness
- Gold plating 50 micro-inch gold plating over nickel plating on contact area
- Housing 2 rows type, polycarbonate, UL94V-2, transparent color
- Load bar 2 rows type, polycarbonate, UL94V-2, transparent color
- Shield n/a
- Contact resistances $\leq 20 \text{ m}\Omega$

Boot

- Boot Polycarbonate, UL94V-2, transparent color

Cat.6 U/UTP 28 AWG Component-Rated Slim Patch Cord



Features

- Less than 50% the size of 24 AWG patch cord
- Extreme performance design for Hyper-Scale and Edge Data Center
- Compliant with the ISO/IEC11801-1 class E and ANSI/TIA 568.2-D Cat.6 component performance
- Power over HDBaseT™ (PoH) applications up to 100 W

Standards Compliance

- ANSI/TIA-568.2-D
- ISO/IEC 11801-1, Class E
- IEC 60603-7
- IEC 60512-99-002
- IEEE 802.3bt type 4 PoE++(4PPoE) 100 W
- ANSI/TIA-1096-A (formerly FCC Part 68)
- UL444 (for UL CM PVC jacket material only)
- IEC 61935-2
- IEC 61034-2 Smoke (for LSZH material only)
- IEC 60754-2 Halogen/Acid (for LSZH material only)
- RoHS /REACH compliant

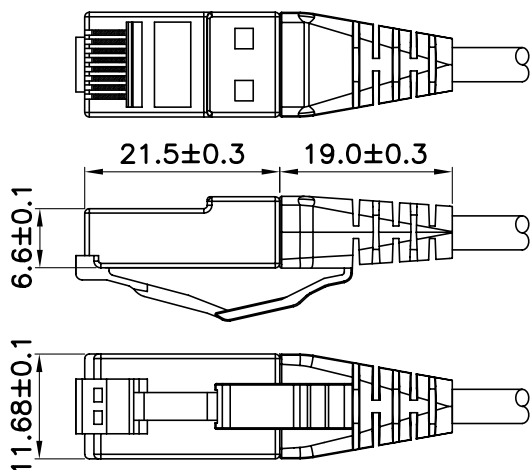
Part Number Descriptions

ACUBM 02081 20012 Cat.6 U/UTP 28 AWG Component-Rated Slim Patch Cord, T568B, grey color, 1m

ACxBM xx081 2 xxx x
 (1) (2) (3) (4)

- x (1) Jacket material** B=LSZH, U=UL CM PVC,
xx (2) Jacket color 01=black (RAL9011), 02=grey (RAL7035), 03=red (RAL3031), 05=white (RAL9010),
 06=yellow (RAL1021), 07=blue (RAL5015), 08=green (RAL6029), 09=orange (RAL2003),
 10=purple (RAL4005), 11=pink (RAL4003)
xxx (3) Length ---
x (4) Length unit 1=cm, 2=meter, 3=foot
(3) (4) 0501=50 cm(0.5 meter), 0012=1 meter, 0102=10 meters, 0033=3 feet, 0103=10 feet

Dimensions (mm)

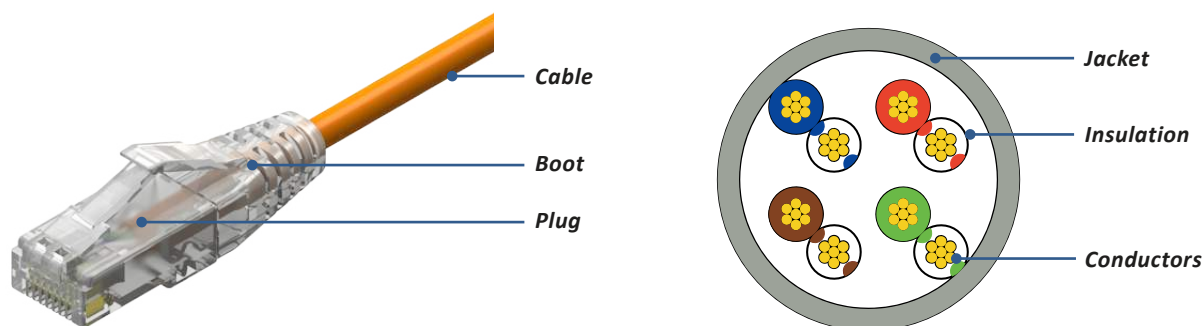


Length Information, at 20°C

- Length Available :
 Component : 0.5m to 10m
 2-connector Channel : 1m to 15m
 Point to Point (w/o Perm. Link) : 0.5m to 40m
 - Length Tolerance :
 1m to 5m : ±2cm
 5.1m to 40m : ±7cm
 - Channel Linking Length Information :
- | Cord A | Perm. Link | Cord B | |
|--------|------------|--------|-----------------|
| 5m | 90m | 1m | Channel & 4PPoE |
| 15m | 70m | 1m | Channel & 4PPoE |
| 40m | 9m | 1m | Channel & 4PPoE |

Specifications

Patch cord (IEC 61935-2, Patch Cord Reliability)



Life (Mating cycles)	Min. 750 cycles
Pulling tension	50 N for 60 s
Strain relief	50 N for 60 s in all direction
Flexing	2 N for 500 cycles, 20 cycles per 60 s
Bend radius	Min. 30.4 mm, 8x of cable O.D.
Insulation resistance	$\geq 500 \text{ M}\Omega$ at 100 Vdc, for 60 s
Voltage proof	Contact to contact 1000 Vdc, for 60 s
Installing temperature	0°C to 50°C (32°F to 122°F)
Storage temperature	-40°C to 70°C (-40°F to 158°F), under static conditions
Operating temperature	-10°C to 60°C (14°F to 140°F), under static conditions

Cable

- Conductors Bare copper, 28 AWG, $7 \times 0.127 \pm 0.005 \text{ mm}$
- Insulation HDPE, O.D. $0.63 \pm 0.02 \text{ mm}$
- Foil Screen n/a
- Braid n/a
- Drain wire n/a
- Jacket 0.5 mm (nominal) thickness, O.D. $3.8 \pm 0.2 \text{ mm}$
- Cross filler (separator) n/a

Printing on the cable

- **LSZH** U/UTP PATCH CABLE 28 AWG 4PR LSZH ISO/IEC 11801 CLASS E & ANSI/TIA-568.2-D CAT.6 XXXXXXXX-X
- **CM PVC** U/UTP PATCH CABLE 28 AWG 4PR E178558 C(UL)US TYPE CM 75°C ISO/IEC 11801 CLASS E & ANSI/TIA-568.2-D CAT.6 XXXXXXXX-X

Plug

- Conductors Phosphor bronze, min. 0.3 mm thickness
- Gold plating 50 micro-inch gold plating over nickel plating on contact area
- Housing 2 rows type, polycarbonate, UL94V-2, transparent color
- Load bar 2 rows type, polycarbonate, UL94V-2, transparent color
- Shield n/a
- Contact resistances $\leq 20 \text{ m}\Omega$

Boot

- Boot Polycarbonate, UL94V-2

Cat.6 U/UTP 24 AWG Component-Rated High-Flexible Patch Cord



Features

- Small od and flexible cable and extreme performance design for Hyper-Scale and Edge Data Center
- Compliant with the ISO/IEC11801-1 class E and ANSI/TIA 568.2-D Cat.6 component performance
- Power over HDBaseT™ (PoH) applications up to 100 W

Standards Compliance

- ANSI/TIA-568.2-D
- ISO/IEC 11801-1, Class E
- IEC 60603-7
- IEC 60512-99-002
- IEEE 802.3bt type 4 PoE++(4PPoE) 100 W
- ANSI/TIA-1096-A (formerly FCC Part 68)
- UL444 (for UL CM PVC jacket material only)
- IEC 61935-2
- IEC 61034-2 Smoke (for LSZH material only)
- IEC 60754-2 Halogen/Acid (for LSZH material only)
- RoHS /REACH compliant

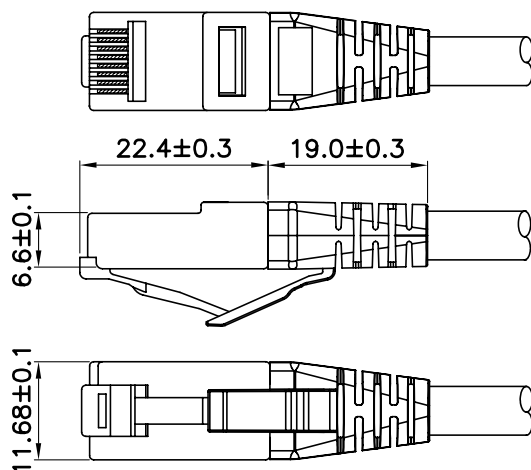
Part Number Descriptions

ACUBB 02080 20012 Cat.6 U/UTP 24 AWG Component-Rated High-Flexible Patch Cord, T568B, grey color, 1m

AC**x**BB **xx**080 2 **xxx** **x**
(1) **(2)** **(3)** **(4)**

- x (1) Jacket material** B=LSZH, U=UL CM PVC,
xx (2) Jacket color 01=black (RAL9011), 02=grey (RAL7035), 03=red (RAL3031), 05=white (RAL9010),
 06=yellow (RAL1021), 07=blue (RAL5015), 08=green (RAL6029), 09=orange (RAL2003)
 10=purple (RAL4005), 11=pink (RAL4003)
xxx (3) Length ---
x (4) Length unit 1=cm, 2=meter, 3=foot
(3) (4) 0501=50 cm(0.5 meter), 0012=1 meter, 0102=10 meters, 0033=3 feet, 0103=10 feet

Dimensions (mm)



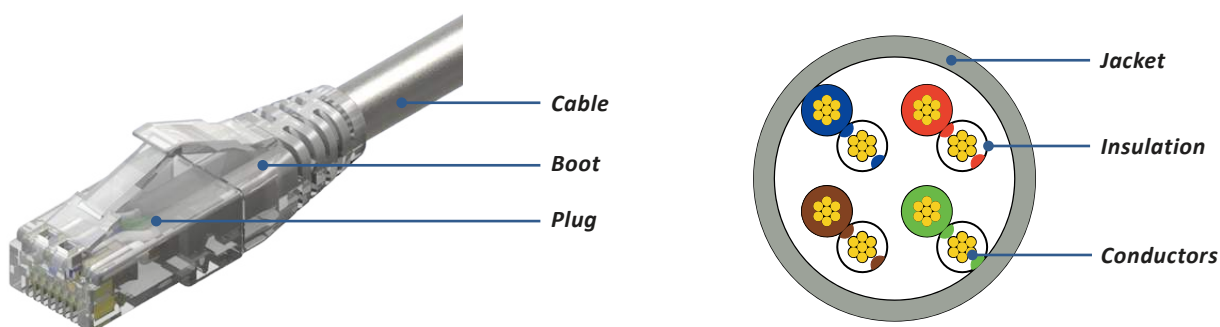
Length Information, at 20°C

- Length Available :
 Component : 0.3m to 20m
 2-connector Channel : 0.3m to 55m
 Point to Point (w/o Perm. Link) : 0.3m to 80m
- Length Tolerance :
 0.3m to 5m : ± 2 cm
 5.1m to 80m : ± 7 cm
- 2-point Channel Length Information :

Cord A	Perm. Link	Cord B	
9m	90m	1m	Channel & 4PPoE
55m	10m	1m	Channel & 4PPoE

Specifications

Patch cord (IEC 61935-2, Patch Cord Reliability)



Life (Mating cycles)	Min. 750 cycles
Pulling tension	50 N for 60 s
Strain relief	50 N for 60 s in all direction
Flexing	2 N for 500 cycles, 20 cycles per 60 s
Bend radius	Min. 43.2 mm, 8x of cable O.D.
Insulation resistance	$\geq 500 \text{ M}\Omega$ at 100 Vdc, for 60 s
Voltage proof	Contact to contact 1000 Vdc, for 60 s
Installing temperature	0°C to 50°C (32°F to 122°F)
Storage temperature	-40°C to 70°C (-40°F to 158°F), under static conditions
Operating temperature	-10°C to 60°C (14°F to 140°F), under static conditions

Cable

- Conductors Bare copper, 24 AWG, 7 x 0.192±0.005 mm
- Insulation HDPE, O.D. 0.98±0.02 mm
- Foil Screen n/a
- Braid n/a
- Drain wire n/a
- Jacket 0.5 mm (nominal) thickness, O.D. 5.4±0.2 mm
- Cross filler (separator) n/a

Printing on the cable

- **LSZH** U/UTP PATCH CABLE 24 AWG 4PR LSZH ETL VERIFIED ISO/IEC 11801 CLASS E & ANSI/TIA-568.2-D CAT.6 XXXXXX-X
- **CM PVC** U/UTP PATCH CABLE 24 AWG 4PR E178558 C(UL)US TYPE CM 75°C ETL VERIFIED ISO/IEC 11801 CLASS E & ANSI/TIA-568.2-D CAT.6 XXXXXX-X

Plug

- Conductors Phosphor bronze, min. 0.3 mm thickness
- Gold plating 50 micro-inch gold plating over nickel plating on contact area
- Housing 1 row type, polycarbonate, UL94V-2, transparent color
- Load bar 1 row type, polycarbonate, UL94V-2, transparent color
- Shield n/a
- Contact resistances $\leq 20 \text{ m}\Omega$

Boot

- Boot Polycarbonate, UL94V-2

Cat.6 U/UTP 24 AWG High-Flexible Patch Cord, Molded Short Boot



Features

- Small od and flexibly cable and extreme performance design for Hyper-Scale and Edge Data Center
- Compliant with the ISO/IEC 11801-1 class E and ANSI/TIA 568.2-D Cat.6 channel performance
- Power over HDBaseT™ (PoH) applications up to 100 W

Standards Compliance

- ANSI/TIA-568.2-D
- ISO/IEC 11801-1, Class E
- IEC 60603-7
- IEC 60512-99-002
- IEEE 802.3bt type 4 PoE++(4PPoE) 100 W
- ANSI/TIA-1096-A (formerly FCC Part 68)
- UL444 (for UL CM PVC jacket material only)
- IEC 61935-2
- IEC 61034-2 Smoke (for LSZH material only)
- IEC 60754-2 Halogen/Acid (for LSZH material only)
- RoHS /REACH compliant

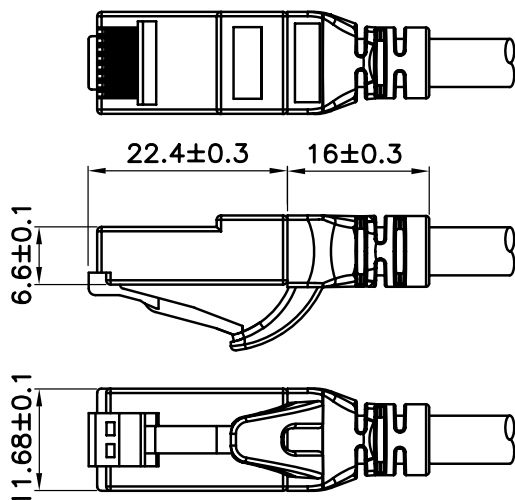
Part Number Descriptions

ACUBB 02214 20012 Cat.6 U/UTP 24 AWG High-Flexible Patch Cord, Molded Short Boot, T568B, grey color, 1m

AC~~x~~BB ~~xx~~214 2 ~~xxx~~ ~~x~~
(1) (2) (3) (4)

- x** (1) Jacket material B=LSZH, U=UL CM PVC,
xx (2) Jacket color 01=black (RAL9011), 02=grey (RAL7035), 03=red (RAL3031), 05=white (RAL9010),
 06=yellow (RAL1021), 07=blue (RAL5015), 08=green (RAL6029), 09=orange (RAL2003)
 10=purple (RAL4005), 11=pink (RAL4003)
xxx (3) Length ---
x (4) Length unit 1=cm, 2=meter, 3=foot
(3) (4) 0501=50 cm(0.5 meter), 0012=1 meter, 0102=10 meters, 0033=3 feet, 0103=10 feet

Dimensions (mm)

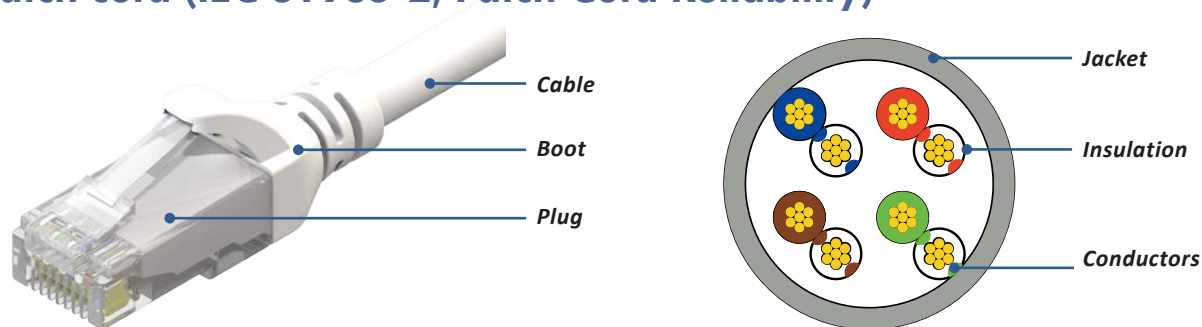


Length Information, at 20°C

- Length Available :
2-conductor Channel : 0.3m to 55m
Point to Point (w/o Perm. Link) : 0.3m to 80m
 - Length Tolerance :
0.3m to 5m : ±2cm
5.1m to 80m : ±7cm
 - 2-point Channel Length Information :
- | Cord A | Perm. Link | Cord B | |
|--------|------------|--------|-----------------|
| 9m | 90m | 1m | Channel & 4PPoE |
| 55m | 10m | 1m | Channel & 4PPoE |

Specifications

Patch cord (IEC 61935-2, Patch Cord Reliability)



Life (Mating cycles)	Min. 750 cycles
Pulling tension	50 N for 60 s
Strain relief	50 N for 60 s in all direction
Flexing	2 N for 500 cycles, 20 cycles per 60 s
Bend radius	Min. 43.2 mm, 8x of cable O.D.
Insulation resistance	$\geq 500 \text{ M}\Omega$ at 100 Vdc, for 60 s
Voltage proof	Contact to contact 1000 Vdc, for 60 s
Installing temperature	0°C to 50°C (32°F to 122°F)
Storage temperature	-40°C to 70°C (-40°F to 158°F), under static conditions
Operating temperature	-10°C to 60°C (14°F to 140°F), under static conditions

Cable

- Conductors Bare copper, 24 AWG, $7 \times 0.192 \pm 0.005 \text{ mm}$
- Insulation HDPE, O.D. $0.98 \pm 0.02 \text{ mm}$
- Foil Screen n/a
- Braid n/a
- Drain wire n/a
- Jacket 0.5 mm (nominal) thickness, O.D. $5.4 \pm 0.2 \text{ mm}$
- Cross filler (separator) n/a

Printing on the cable

- **LSZH** U/UTP PATCH CABLE 24 AWG 4PR LSZH ETL VERIFIED ISO/IEC 11801 CLASS E & ANSI/TIA-568.2-D CAT.6 XXXXXX-X
- **CM PVC** U/UTP PATCH CABLE 24 AWG 4PR E178558 C(UL)US TYPE CM 75°C ETL VERIFIED ISO/IEC 11801 CLASS E & ANSI/TIA-568.2-D CAT.6 XXXXXX-X

Plug

- Conductors Phosphor bronze, min. 0.3 mm thickness
- Gold plating 50 micro-inch gold plating over nickel plating on contact area
- Housing 1 row type, polycarbonate, UL94V-2, transparent color
- Load bar 1 row type, polycarbonate, UL94V-2, transparent color
- Shield n/a
- Contact resistances $\leq 20 \text{ m}\Omega$

Boot

- Molded boot PVC

High-End Patch Cord



Enhanced Cat.6A S/FTP 26 AWG Component-Rated Patch Cord

Cable wires material	Bare copper
Cable type and AWG	Cat.8 40G S/FTP 26 AWG stranded wires
Performance	Cat.6A Component + Cat.8 Class I
Plug body	PC, UL94V-2
Plug shield	Brass with gold plating
Plug gold plating	50 micro-inch on surface of plug contact area
Boot	PC, UL94V-2



Cat.8 S/FTP 24 AWG PCB Patch Cord

Cable wires material	Bare copper
Cable type and AWG	Cat.8 40G S/FTP 24 AWG stranded wires
Performance	Cat.8 Class I
Plug body	PC, UL94V-2
Plug shield	Brass with nickel plating
Plug gold plating	50 micro-inch on surface of plug contact area
Boot	PC, UL94V-2



Cat.8 S/FTP 22 AWG Field Termination Plug Patch Cord

Cable wires material	Bare copper
Cable type and AWG	Cat.8 40G S/FTP 22 AWG solid wires
Performance	Cat.8 Class I
Plug body	PC, UL94V-2
Plug shield	Zinc Die-Casting with nickel plating
Plug gold plating	50 micro-inch on surface of plug contact area
Boot	Zinc Die-Casting with nickel plating



40G S/FTP 24 AWG Nylon-Braid Patch Cord

Cable wires material	Bare copper
Cable type and AWG	Cat.8 40G S/FTP 24 AWG stranded wires
Performance	Cat.8 Class I
Plug body	PC, UL94V-2
Plug shield	Zinc Die-Casting with nickel plating
Plug gold plating	50 micro-inch on surface of plug contact area
Boot	PVC molded

Cat.6A Patch Cord



Cat.6A UTP Assembly Boot Type (SR-V86)

Cable wires material	Bare copper
Cable type and AWG	F/UTP 26 AWG stranded wires, or F/UTP 28 AWG solid wires
Performance	Component or Channel
Plug body	PC, UL94V-0 or UL94V-2
Plug gold plating	50 micro-inch on surface of plug contact area
Boot	PC, UL94V-2 clear color



Cat.6A STP Assembly Boot Type (SR-V86)

Cable wires material	Bare copper
Cable type and AWG	U/FTP, S/FTP 26 AWG stranded wires, or F/UTP 28 AWG solid wires
Performance	Component or Channel
Plug body	PC, UL94V-0 or UL94V-2
Plug shield	Brass with nickel plating
Plug gold plating	50 micro-inch on surface of plug contact area
Boot	PC, UL94V-2 clear color



Cat.6A STP Assembly Boot Type (SR-V95)

Cable type	U/FTP, S/FTP
Cable wires material	Bare copper
AWG range	26-28 AWG, stranded wires
Performance	Component or Channel
Plug body	PC, UL94V-0 or UL94V-2
Plug shield	Brass with nickel plating
Plug gold plating	50 micro-inch on surface of plug contact area
Boot	PP, UL94V-2



Cat.6A STP Assembly Boot Type, Big Cable O.D.

Cable type	U/FTP, S/FTP
Cable wires material	Bare copper
AWG range	23-24 AWG, solid and stranded wires
Performance	Channel (Point to Point, w/o Perm. Link)
Plug body	PC, UL94V-0 or UL94V-2
Plug shield	Zinc Die-Casting with nickel plating
Plug gold plating	50 micro-inch on surface of plug contact area
Boot	PC, UL94V-2

Cat.6 Patch Cord



Cat.6 UTP Assembly Boot Type (SR-V86 & SR-V90)

Cable wires material	Bare copper
AWG range	23-28 AWG, solid or stranded wires
Performance	Component or Channel
Plug body	PC, UL94V-0 or UL94V-2
Plug gold plating	50 micro-inch on surface of plug contact area
Boot	PC, UL94V-2 clear color



Cat.6 STP Assembly Boot Type (SR-V86)

Cable type	F/UTP, U/FTP or S/FTP
Cable wires material	Bare copper
AWG range	26-28 AWG, solid or stranded wires
Performance	Component or Channel
Plug body	PC, UL94V-0 or UL94V-2
Plug shield	Brass with nickel plating
Plug gold plating	50 micro-inch on surface of plug contact area
Boot	PC, UL94V-2 clear color



Cat.6 UTP Assembly Boot Type (SR-V93)

Cable wires material	Bare copper
AWG range	23-24 AWG, solid and stranded wires
Performance	Component or Channel
Plug body	PC, UL94V-0 or UL94V-2
Plug gold plating	50 micro-inch on surface of plug contact area
Boot	PP, UL94V-2



Cat.6 STP Assembly Boot Type (SR-V95)

Cable type	F/UTP, U/FTP or S/FTP
Cable wires material	Bare copper
AWG range	26-28 AWG, solid or stranded wires
Performance	Component and Channel
Plug body	PC, UL94V-0 or UL94V-2
Plug shield	Brass with nickel plating
Plug gold plating	50 micro-inch on surface of plug contact area
Boot	PP, UL94V-2

Cat.6 Patch Cord



Cat.6 UTP Molded Boot Type

Cable wires material	Bare copper
AWG range	24-26 AWG, stranded wires
Performance	Channel
Plug body	PC, UL94V-0 or UL94V-2
Plug gold plating	50 micro-inch on surface of plug contact area
Boot	PVC



Cat.6 STP Molded Boot Type

Cable type	F/UTP, U/FTP or S/FTP
Cable wires material	Bare copper
AWG range	26-28 AWG, solid or stranded wires
Performance	Channel
Plug body	PC, UL94V-0 or UL94V-2
Plug shield	Brass with nickel plating
Plug gold plating	50 micro-inch on surface of plug contact area
Boot	PVC



Cat.6 UTP Molded Short-Boot Type

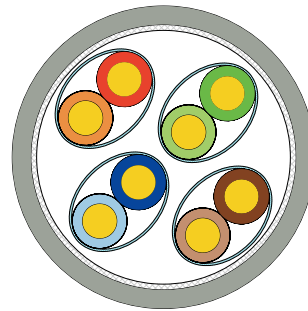
Cable wires material	Bare copper
AWG range	24-28 AWG, stranded wires
Performance	Channel
Plug body	PC, UL94V-0 or UL94V-2
Plug gold plating	50 micro-inch on surface of plug contact area
Boot	PVC



Cat.6/Cat.6A Screened, Molded Short-Boot and Short-Body

Cable type	U/FTP or S/FTP
Cable wires material	Bare copper
AWG range	26 AWG, stranded wires
Performance	Cat.6/Cat.6A Component-Rated
Plug body	PC, UL94V-0 or UL94V-2
Plug shield	Screened, Brass with nickel plating
Plug gold plating	50 micro-inch on surface of plug contact area
Boot	PVC

Cat.8 S/FTP 22 AWG Solid Wires Cable



Features

- GHMT verified ISO/IEC 11801-1 Class I and EN50173-1 2-connector 30m channel performance up to 2GHz
- UL444 cable safety listed
- Power over HDBaseT™ (PoH) applications up to 100 W
- Construction Products Regulation (CPR) EuroClass Eca for LSZH jacket type

Standards Compliance

- ANSI/TIA-568.2-D
- ISO/IEC 11801-1 Class I
- EN50173-1
- UL 444 (for UL CM or CMR PVC jacket material only)
- UL 444-LP
- IEC 60332-1-2
- IEC 61034-2 smoke (for LSZH jacket material only)
- IEC 60754-2 halogen/acid (for LSZH jacket material only)
- RoHS/REACH compliant
- CPR Eca

Part Number

Descriptions

- ABBVA 0601 5015 34** Cat.8 S/FTP 22 AWG solid wires, IEC60332-1-2 LSZH, RAL5015 yellow color, 1000 feet in wooden reel
- ABSVA 0601 5015 34** Cat.8 S/FTP 22 AWG solid wires, UL CM, RAL5015 yellow color, 1000 feet in wooden reel

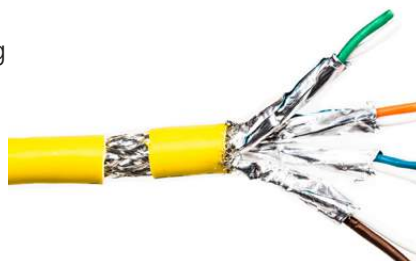
AB**x**VA **xxxxxxx** **34**
 (1) (2) (3)

x (1) Jacket material
xxxxxxx (2) Jacket color
34 (3) Packaging

B=IEC 60332-1-2 LSZH, S=UL CM PVC
0601 5015=yellow (RAL5015)
34=1000 feet in wooden reel, 33=500m in wooden reel,
01=100m in PE roll, 07=30m in PE roll

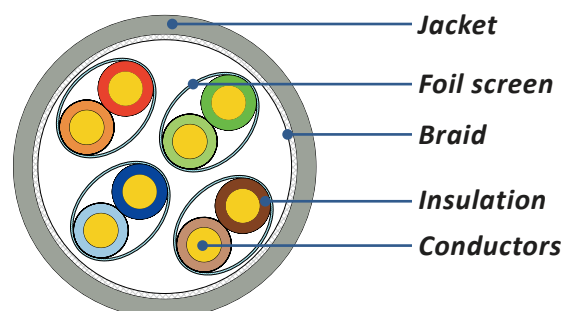
Packing Information

- 1000 feet in a wooden reel
- Wooden reel size : D40 x H30.5cm
- Net weight per reel: 23 kg
- Gross weight per reel: 25 kg



Material Specifications

Conductors	Bare copper, 22 AWG, 1 x 0.64±0.005 mm
Insulation	Skin-Foam-Skin, O.D. 1.68±0.03 mm
Foil Screen	Aluminum/PET on each pair
Braid	Tin plated copper, min. 30% coverage
Drain wire	n/a
Jacket	0.65 mm thickness, O.D. 8.4±0.2 mm
Separator	n/a



Printing on the cable

- **LSZH** S/FTP INSTALL CABLE 22 AWG 4PR LSZH ISO/IEC 11801 CLASS I & ANSI/TIA-568.2-D CAT.8 XXXXXX-X XXXM
- **CM PVC** S/FTP INSTALL CABLE 22 AWG 4PR E178558 CUL)US TYPE CM 75°C ISO/IEC 11801 CLASS I & ANSI/TIA-568.2-D CAT.8 XXXXXX-X XXXM

Installation Information

- Installing temperature 0°C to 50°C (32°F to 122°F)
- Storage temperature -40°C to 60°C (-40°F to 140°F), under static conditions
- Operating temperature -20°C to 60°C (-4°F to 140°F), under static conditions
- Pulling tension Max. 100 N
- Band radius Min. 67.2 mm (8x of cable O.D.)
- UL temperature rating 75°C

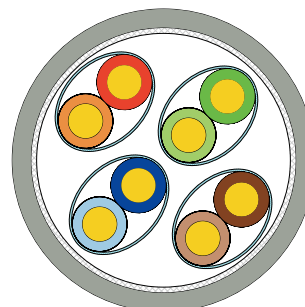
Electrical Characteristics (ISO/IEC 11801-1, Class I, 30m)

- DC loop resistance Max. 6.4Ω/pair at 20°C
- DC resistance unbalance pair-pair Max. 7% at 20°C
- DC current carrying capacity 0.75 A at 60°C
- Dielectric withstand 1000 Vdc conductor-conductor & conductor-screen
- Propagation delay Max. 165ns at 2GHz
- Delay skew Max. 16ns, from 1MHz to 2GHz
- PoE 60 Vdc, 4PPoE 100 W, IEEE802.3bt type 4
- UL cable voltage rating 300 V (UL444)

Transmission performance (ISO/IEC 11801-1, Class I, 30m)

Frequency	Return loss	Insertion loss	NEXT	PSNEXT	ACRF	PSACRF	TCL	ELTCTL
MHz	Min. dB	Max. dB	Min. dB	Min. dB	Min. dB	Min. dB	Min. dB	Min. dB
1	19.0	3.0	65.0	62.0	65.0	62.0	30.0	30.0
100	16.0	6.5	40.5	37.5	32.0	29.0	16.0	3.0
250	13.4	10.4	33.6	30.6	24.0	21.0	9.2	3.0
500	10.7	15.0	28.4	25.4	18.0	15.0	4.1	3.0
600	10.0	16.5	26.2	23.2	16.4	13.4	2.8	3.0
1000	8.0	22.0	19.6	16.6	12.0	9.0	3.0	3.0
2000	6.2	32.7	9.6	6.6	6.0	3.0	3.0	3.0

Cat.7 S/FTP Solid Wires Cable



Features

- 3P lab. verified ISO/IEC11801-1, EN50173-1, IEC61156-5 and EN50288-4-1 Cat.7 100m cable performance
- UL444 cable safety listed
- Power over HDBaseT™ (PoH) applications up to 100 W
- Construction Products Regulation (CPR) EuroClass Eca

Standards Compliance

- ISO/IEC 11801-1
- EN 50173-1
- IEC 61156-5
- EN50288-4-1
- UL 444 (for UL CM or CMR PVC jacket material only)
- UL 444-LP
- IEC 60332-1-2 or IEC 60332-3-24 fire retardant
- IEC 61034-2 smoke (for LSZH jacket material only)
- IEC 60754-2 halogen/acid (for LSZH jacket material only)
- RoHS/REACH compliant
- CPR Eca

Part Number

Descriptions

ABBSB 0501 9010 34

Cat.7 S/FTP 23 AWG solid wires, IEC60332-1-2 LSZH, RAL9010 white color, 1000 feet in wooden reel

ABSSB 0501 9010 34

Cat.7 S/FTP 23 AWG solid wires, UL CM PVC, RAL9010 white color, 1000 feet in wooden reel

AB	x	SB	xxxxxxxx	34
(1)		(2)	(3)	

- x (1) Jacket material
xxxxxxxx (2) Jacket color
34 (3) Packaging

B=IEC 60332-1-2 LSZH, S=UL CM PVC, T=UL CMR PVC
0201 7035=grey (RAL7035), 0501 9010=white (RAL9010),
0701 5015=blue (RAL5015)
34=1000 feet in wooden reel

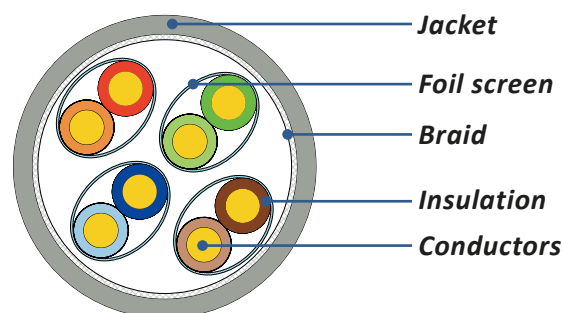
Packing Information

- 1000 feet in a wooden reel
- Wooden reel size : D38.0 x H25.5cm
- Net weight per reel: 16 kg
- Gross weight per reel: 18 kg



Material Specifications

Conductors	Bare copper, 23 AWG, 1 x 0.56±0.005 mm
Insulation	Skin-Foam-Skin, O.D. 1.33±0.03 mm
Foil Screen	Aluminum/PET on each pair
Braid	Tinned copper-clad steel, min. 30% coverage
Drain wire	n/a
Jacket	0.55 mm thickness, O.D. 7.3±0.2 mm
Separator	n/a



Printing on the cable

- **LSZH** 3P VERIFIED TO S/FTP INSTALL CABLE 23 AWG 4PR LSZH ISO/IEC 11801 CLASS F & EN50288 CAT.7 XXXXXX-X XXXM
- **UL CM PVC** 3P VERIFIED TO S/FTP INSTALL CABLE 23 AWG 4PR E178558 C(UL)US TYPE CM 75°C ISO/IEC 11801 CLASS F & EN50288 CAT.7 XXXXXX-X XXXM

Installation Information

- Installing temperature 0°C to 50°C (32°F to 122°F)
- Storage temperature -40°C to 60°C (-40°F to 140°F), under static conditions
- Operating temperature -20°C to 60°C (-4°F to 140°F), under static conditions
- Pulling tension Max. 100 N
- Band radius Min. 29.2 mm (4x of cable O.D.)
- UL temperature rating 75°C

Electrical Characteristics (IEC 61156-5)

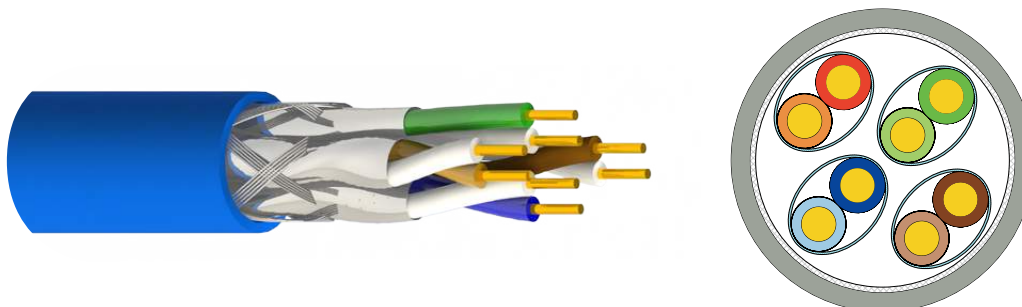
- DC resistance Max. 7.32Ω/100m for each conductor (UL444)
- DC resistance unbalance Max. 2% within a pair at 20°C
- DC resistance unbalance pair-pair Max. 5% at 20°C
- Dielectric strength 1KV d.c./0.7KV a.c. for 1min. or 2.5KV d.c./1.7KV a.c. for 2 s
- Insulation resistance 5000 MΩ/km at 20°C, conductor-conductor & conductor-screen
- Mutual capacitance n/a
- Capacitance unbalance pair-ground Max. 160pF/100m, 1kHz at 20°C
- Transfer impedance Max. 100 mΩ/m at 100MHz, grade 1
- Coupling attenuation Min. 50dB at 1GHz, type Ib
- Phase delay Max. 535ns/100m at 600MHz
- Delay skew Max. 25ns/100m, from 4 to 600MHz at 20°C
- Nominal velocity propagation 80% at 100MHz
- Characteristic Impedance 100±5Ω at 100MHz
- PoE 60 Vdc, 4PPoE 100 W, IEEE802.3bt type 4
- UL voltage rating 300 V (UL444)

Transmission performance (IEC61156-5, 100m, at 20°C)

Frequency	Return loss	Insertion loss	NEXT	PSNEXT	ACRF	PSACRF	TCL(Level 2)
MHz	Min. dB	Max. dB	Min. dB	Min. dB	Min. dB	Min. dB	Min. dB
*1	20.0	2.0	75.0	72.3	75.0	75.0	50.0
4	23.0	3.7	66.3	63.3	75.0	75.0	44.0
100	20.1	19.0	45.3	42.3	54.0	51.0	30.0
250	17.3	31.0	39.3	36.3	46.0	43.0	26.0
500	17.3	45.3	34.8	31.8	40.0	37.0	n/a
600	17.3	50.1	33.6	30.6	38.4	35.4	n/a
1000	-	-	-	-	-	-	-

* For Information only

Cat.6A S/FTP Solid Wires Cable



Features

- 3P lab. verified ISO/IEC11801-1, EN50173-1, ANSI/TIA-568.2-D, IEC61156-5 and EN50288-10-1 Cat.6A 100m cable performance
- UL444 cable safety listed
- Power over HDBaseT™ (PoH) applications up to 100 W
- Construction Products Regulation (CPR) EuroClass Eca

Standards Compliance

- ISO/IEC 11801-1
- EN 50173-1
- ANSI/TIA-568.2-D
- IEC 61156-5
- EN50288-10-1
- CPR Eca
- UL 444 (for UL CM or CMR PVC jacket material only)
- UL 444-LP
- IEC 60332-1-2 or IEC 60332-3-24 fire retardant
- IEC 61034-2 smoke (for LSZH jacket material only)
- IEC 60754-2 halogen/acid (for LSZH jacket material only)
- RoHS/REACH compliant

Part Number

ABBUE 0701 5015 34

ABSUE 0701 5015 34

Descriptions

Cat.6A S/FTP 23 AWG solid wires, IEC60332-1-2 LSZH, RAL5015 blue color, 1000 feet, in wooden reel

Cat.6A S/FTP 23 AWG solid wires, UL CM, RAL5015 blue color, 1000 feet in wooden reel

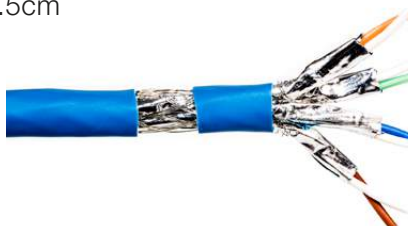
AB	x	UB	xxxxxxxx	34
(1)		(2)		(3)

- x** (1) Jacket material
xxxxxxxx (2) Jacket color
34 (3) Packaging

B=IEC 60332-1-2 LSZH, S=UL CM PVC, T=UL CMR PVC
0201 7035=grey (RAL7035), 0501 9010=white (RAL9010),
0701 5015=blue (RAL5015)
34=1000 feet in wooden reel

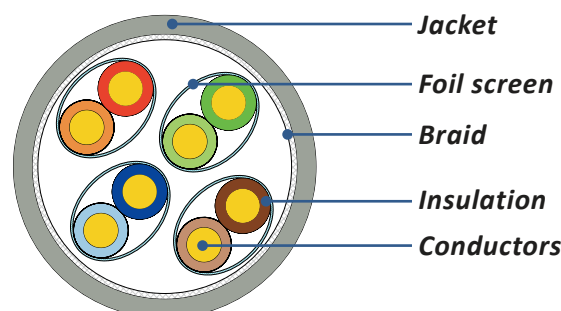
Packing Information

- 1000 feet in a wooden reel
- Wooden reel size : D38.0 x H25.5cm
- Net weight per reel: 16 kg
- Gross weight per reel: 18 kg



Material Specifications

Conductors	Bare copper, 23 AWG, 1 x 0.56±0.005 mm
Insulation	Skin-Foam-Skin, O.D. 1.33±0.03 mm
Foil Screen	Aluminum/PET on each pair
Braid	Tinned copper-clad steel, min. 30% coverage
Drain wire	n/a
Jacket	0.55 mm thickness, O.D. 7.3±0.2 mm
Separator	n/a



Printing on the cable

- **LSZH** 3P VERIFIED TO S/FTP INSTALL CABLE 23 AWG 4PR LSZH ISO/IEC 11801 CLASS EA & EN50288 CAT.6A XXXXXX-X XXXM
- **UL CM PVC** 3P VERIFIED TO S/FTP INSTALL CABLE 23 AWG 4PR E178558 C(UL)US TYPE CM 75°C ISO/IEC 11801 CLASS EA & EN50288 CAT.6A XXXXXX-X XXXM

Installation Information

- Installing temperature 0°C to 50°C (32°F to 122°F)
- Storage temperature -40°C to 60°C (-40°F to 140°F), under static conditions
- Operating temperature -20°C to 60°C (-4°F to 140°F), under static conditions
- Pulling tension Max. 100 N
- Band radius Min. 29.2 mm (4x of cable O.D.)
- UL temperature rating 75°C

Electrical Characteristics (IEC 61156-5, Cable, 100m)

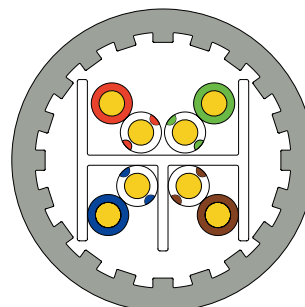
- DC resistance Max. 7.32Ω/100m for each conductor (UL444)
- DC resistance unbalance Max. 2% within a pair at 20°C
- DC resistance unbalance pair-pair Max. 5% at 20°C
- Dielectric strength 1KV d.c./0.7KV a.c. for 1min. or 2.5KV d.c./1.7KV a.c. for 2 s
- Insulation resistance 5000 MΩ/km at 20°C, conductor-conductor & conductor-screen
- Mutual capacitance n/a
- Capacitance unbalance pair-ground Max. 160pF/100m, 1kHz at 20°C
- Transfer impedance Max. 100 mΩ/m at 100MHz, grade 1
- Coupling attenuation Min. 50dB at 1GHz, type Ib
- Phase delay Max. 536ns/100m at 500MHz
- Delay skew Max. 45ns/100m, from 4 to 500MHz at 20°C
- Nominal velocity propagation 80% at 100MHz
- Characteristic Impedance 100±5Ω at 100MHz
- PoE 60 Vdc, 4PPoE 100 W, IEEE802.3bt type 4
- UL voltage rating 300 V (UL444)

Transmission performance (IEC61156-5, 100m, at 20°C)

Frequency	Return loss	Insertion loss	NEXT	PSNEXT	ACRF	PSACRF	TCL (Level 2)
MHz	Min. dB	Max. dB	Min. dB	Min. dB	Min. dB	Min. dB	Min. dB
*1	20.0	2.1	75.0	72.3	68.0	65.0	50.0
4	23.0	3.8	66.3	63.3	56.0	53.0	44.0
100	20.1	19.1	45.3	42.3	28.0	25.0	30.0
250	17.3	31.1	39.3	36.3	20.0	17.0	26.0
500	17.3	45.3	34.8	31.8	14.0	11.0	n/a
600	-	-	-	-	-	-	-
1000	-	-	-	-	-	-	-

* For Information only

Cat.6A U/UTP 23 AWG Solid Wires Cable



Features

- Real U/UTP cable structure without any metallic shield design
- ETL verified ANSI/TIA-568.2-D, ISO/IEC11801-1 and IEC61156-5 100m cable included the Cat.6A Alien-Cross-Talk performance
- UL444 cable safety listed
- Power over HDBaseT™ (PoH) applications up to 100 W

Standards Compliance

- ANSI/TIA-568.2-D
- ISO/IEC 11801-1
- IEC 61156-5
- UL 444 (for UL CMR PVC jacket material only)
- UL 444-LP
- IEC 60332-1-2
- IEC 61034-2 smoke (for LSZH jacket material only)
- IEC 60754-2 halogen/acid (for LSZH jacket material only)
- RoHS/REACH compliant

Part Number

Descriptions

ABBUA 0201 7035 34

Cat.6A U/UTP 23 AWG solid wires, IEC60332-1-2 LSZH, RAL7035 grey color, 1000 feet, in wooden reel

ABTUA 0201 7035 34

Cat.6A U/UTP 23 AWG solid wires, UL CMR, RAL7035 grey color, 1000 feet in wooden reel

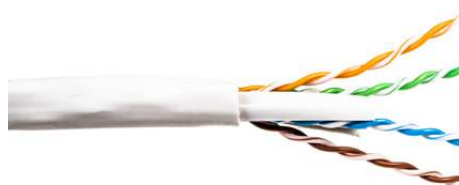
AB^xUA xxxxxxxx 34
(1) (2) (3)

x (1) Jacket material
xxxxxxx (2) Jacket color
34 (3) Packaging

B=IEC 60332-1-2 LSZH, T=UL CMR PVC
0201 7035=grey (RAL7035), 0501 9010=white (RAL9010),
34=1000 feet in wooden reel

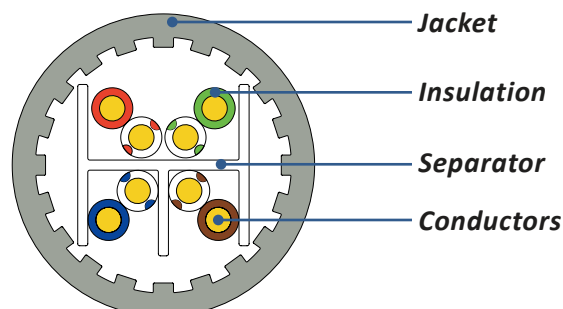
Packing Information

- 1000 feet in a wooden reel
- Wooden reel size : D40.0 x H30.5cm
- Net weight per reel: 21 kg
- Gross weight per reel: 23 kg



Material Specifications

Conductors	Bare copper, 23 AWG, 1 x 0.57±0.005 mm
Insulation	HDPE, O.D. 1.09±0.03 mm
Foil Screen	n/a
Braid	n/a
Drain wire	n/a
Jacket	0.55 mm thickness, O.D. 8.6±0.2 mm
Separator	PE



Printing on the cable

- **LSZH** U/UTP INSTALL CABLE 23 AWG 4PR LSZH ISO/IEC 11801 CLASS EA & ANSI/TIA-568.2-D CAT.6A XXXXXXXX-X XXXM
- **UL CMR PVC** U/UTP INSTALL CABLE 23 AWG 4PR E178558 C(UL)US TYPE CMR 75°C ISO/IEC 11801 CLASS EA & ANSI/TIA-568.2-D CAT.6A XXXXXXXX-X XXXM

Installation Information

- Installing temperature 0°C to 50°C (32°F to 122°F)
- Storage temperature -40°C to 60°C (-40°F to 140°F), under static conditions
- Operating temperature -20°C to 60°C (-4°F to 140°F), under static conditions
- Pulling tension Max. 100 N
- Band radius Min. 34.4 mm (4x of cable O.D.)
- UL temperature rating 75°C

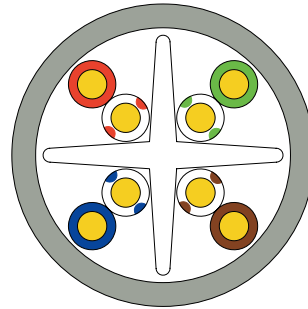
Electrical characteristics (ANSI/TIA-568.2-D)

- DC resistance Max. 7.32Ω/100m for each conductor (UL444)
- DC resistance unbalance Max. 4% within a pair at 20°C
- DC resistance unbalance pair-pair n/a (for Cat.8 cable only)
- Dielectric strength 1KV d.c./0.7KV a.c. for 1min. or 2.5KV d.c./1.7KV a.c. for 2 s (IEC61156-5)
- Insulation resistance 5000 MΩ/km (IEC61156-5)
- Mutual capacitance Max. 5.6nF/100m, 1kHz at 20°C
- Capacitance unbalance pair-ground Max. 330pF/100m, 1kHz at 20°C
- Transfer impedance n/a (Screened only)
- Coupling attenuation n/a (Screened only)
- Phase delay Max. 536ns/100m at 500MHz
- Delay skew Max. 45ns/100m, from 1 to 500MHz at 20°C, 40°C & 60°C
- Nominal velocity propagation 66% at 100MHz
- Characteristic Impedance 100±5Ω at 100MHz
- PoE 60 Vdc, 4PPoE 100 W, IEEE802.3bt type 4
- UL voltage rating 300 V (UL444)

Transmission performance (ANSI/TIA-568.2-D, 100m, at 20°C)

Frequency	Return loss	Insertion loss	NEXT	PSNEXT	ACRF	PSACRF	TCL	PSAACRF
MHz	Min. dB	Max. dB	Min. dB	Min. dB	Min. dB	Min. dB	Min. dB	Min. dB
1	20.0	2.1	74.3	72.3	67.8	64.8	40.0	67.0
4	23.0	3.8	65.3	63.3	55.8	52.8	40.0	66.2
100	20.1	19.1	44.3	42.3	27.8	24.8	30.0	38.2
250	17.3	31.1	38.3	36.3	19.8	16.8	26.0	30.2
500	15.2	45.3	33.8	31.8	13.8	10.8	23.0	24.2
600	-	-	-	-	-	-	-	-
1000	-	-	-	-	-	-	-	-

Cat.6 U/UTP 23 AWG Solid Wires Cable



Features

- ETL verified ANSI/TIA 568.2-D Cat.6 100m cable performance up to 250MHz
- UL444 cable safety listed
- Power over HDBaseT™ (PoH) applications up to 100 W
- Construction Products Regulation (CPR) EuroClass Eca

Standards Compliance

- ANSI/TIA-568.2-D
- ISO/IEC 11801-1
- IEC 61156-5
- UL 444 (for UL CMR PVC jacket material only)
- UL 444-LP
- IEC 60332-1-2
- IEC 61034-2 smoke (for LSZH jacket material only)
- IEC 60754-2 halogen/acid (for LSZH jacket material only)
- RoHS/REACH compliant
- CPR Eca

Part Number

Descriptions

- ABBOA 0201 7035 14** Cat.6 U/UTP 23 AWG solid wires, IEC60332-1-2 LSZH, RAL7035 grey color, 1000 feet in neutral easy box
- ABSOA 0201 7035 14** Cat.6 U/UTP 23 AWG solid wires, UL CM, RAL7035 grey color, 1000 feet in neutral easy box

AB	x	OA	xxxxxxxx	14
(1)		(2)	(3)	

- x** (1) Jacket material
xxxxxxxx (2) Jacket color
14 (3) Packaging

B=IEC60332-1-2 LSZH, S=UL CM PVC
0201 7035=grey (RAL7035), 0501 9010=white (RAL9010),
0701 5015=blue (RAL5015)
14=1000 feet in neutral easy box, 34=1000 feet in wooden reel

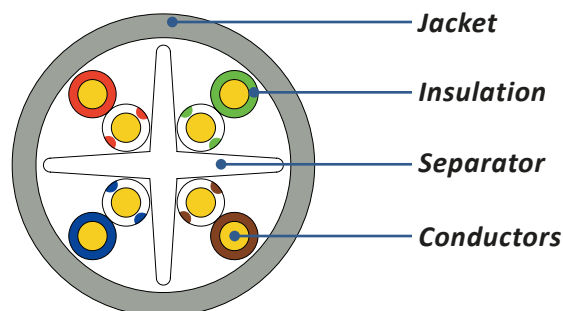
Packing Information

- 1000 feet in a neutral easy box
- Easy neutral box size : L40 x W40 x H21cm
- Net weight per neutral easy box: 11.5 kg
- Gross weight per neutral easy box: 12.4 kg



Material Specifications

Conductors	Bare copper, 23 AWG, 1 x 0.551±0.005 mm
Insulation	HDPE, O.D. 0.97±0.02 mm
Foil Screen	n/a
Braid	n/a
Drain wire	n/a
Jacket	Min. 0.55 mm thickness, O.D. 5.9±0.2 mm
Separator	PE



Printing on the cable

- **LSZH** U/UTP INSTALL CABLE 23 AWG 4PR LSZH ETL VERIFIED ISO/IEC 11801 CLASS E & ANSI/TIA-568.2-D CAT.6 XXXXXX-X XXXM
- **CM PVC** U/UTP INSTALL CABLE 23 AWG 4PR E178558 C(UL)US TYPE CM 75°C ETL VERIFIED ISO/IEC 11801 CLASS E & ANSI/TIA-568.2-D CAT.6 XXXXXX-X XXXM

Installation Information

- Installing temperature 0°C to 50°C (32°F to 122°F)
- Storage temperature -40°C to 60°C (-40°F to 140°F), under static conditions
- Operating temperature -20°C to 60°C (-4°F to 140°F), under static conditions
- Pulling tension Max. 100 N
- Band radius Min. 23.6 mm (4x of cable O.D.)
- UL temperature rating 75°C

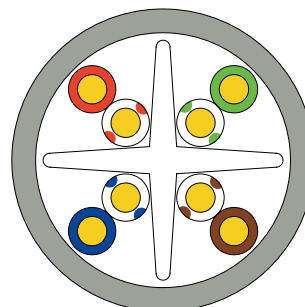
Electrical Characteristics(ANSI/TIA-568.2-D, Cable, 100m)

- DC resistance Max. 7.32Ω/100m for each conductor (UL444)
- DC resistance unbalance Max. 5% within a pair at 20°C
- DC resistance unbalance pair-pair n/a (for Cat.8 cable only)
- Dielectric strength 1KV d.c./0.7KV a.c. for 1min. or 2.5KV d.c./1.7KV a.c. for 2 s (IEC61156-5)
- Insulation resistance 5000 MΩ/km (IEC61156-5)
- Mutual capacitance Max. 5.6nF/100m, 1kHz at 20°C
- Capacitance unbalance pair-ground Max. 330pF/100m, 1kHz at 20°C
- Transfer impedance n/a (Screened only)
- Coupling attenuation n/a (Screened only)
- Phase delay Max. 536ns/100m at 250MHz
- Delay skew Max. 45ns/100m, from 1 to 250MHz at 20°C, 40°C & 60°C
- Nominal velocity propagation 70%
- Characteristic Impedance 100±5Ω at 100MHz
- PoE 60 Vdc, 4PPoE 100 W, IEEE802.3bt type 4
- UL voltage rating 300 V

Transmission performance (ANSI/TIA-568.2-D, Cable, 100m, at 20°C)

Frequency	Return loss	Insertion loss	NEXT	PSNEXT	ACRF	PSACRF	TCL
MHz	Min. dB	Max. dB	Min. dB	Min. dB	Min. dB	Min. dB	Min. dB
1	20.0	2.0	74.3	72.3	67.8	64.8	40.0
4	23.0	3.8	65.3	63.3	55.8	52.8	40.0
100	20.1	19.8	44.3	42.3	27.8	24.8	30.0
250	17.3	32.8	38.3	36.3	19.8	16.8	26.0
500	-	-	-	-	-	-	-
1000	-	-	-	-	-	-	-
2000	-	-	-	-	-	-	-

Cat.6 U/UTP 24 AWG Solid Wires Cable



Features

- Slim O.D. and compact Pull-Box size for economic shipping cost
- Big cable Pull-Out tube
- Compliant with ANSI/TIA 568.2-D Cat.6 performance up to 250MHz
- UL444 cable safety listed
- Power over HDBaseT™ (PoH) applications up to 100 W
- Construction Products Regulation (CPR) EuroClass Eca

Standards Compliance

- ANSI/TIA-568.2-D
- ISO/IEC 11801-1
- IEC 61156-5
- UL 444 (for UL CMR PVC jacket material only)
- UL 444-LP
- IEC 60332-1-2
- IEC 61034-2 smoke (for LSZH jacket material only)
- IEC 60754-2 halogen/acid (for LSZH jacket material only)
- RoHS/REACH compliant
- CPR Eca

Part Number

ABBOL 02017035 14

Descriptions

Cat.6 U/UTP 24 AWG solid wires, IEC60332-1-2 LSZH, RAL7035 grey color, 1000 feet in neutral easy box

ABSOL 02017035 14

Cat.6 U/UTP 24 AWG solid wires, UL CM, RAL7035 grey color, 1000 feet in neutral easy box

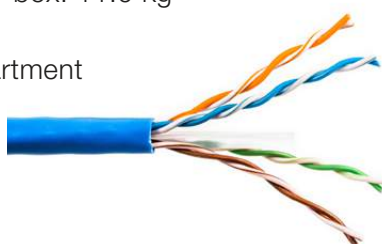
AB x OL	xxxxxxxx	14
(1)	(2)	(3)

- x** (1) Jacket material
xxxxxxxx (2) Jacket color
14 (3) Packaging

B=IEC60332-1-2 LSZH, S=UL CM PVC
0201 7035=grey (RAL7035), 0501 9010=white (RAL9010),
0701 5015=blue (RAL5015)
14=1000feet in neutral Pull-Box

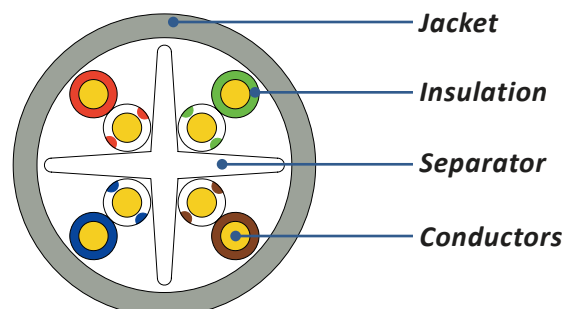
Packing Information

- 1000 feet in a Pull-Box
- Pull-Box size : L37.0 x W37.0 x H21.0cm
- Net weight per neutral easy box: 10.3 kg
- Gross weight per neutral easy box: 11.0 kg
- For more packing Information please contact JE sales department



Material Specifications

Conductors	Bare copper, 24 AWG, 1 x 0.520±0.005 mm
Insulation	HDPE, O.D. 0.95±0.03 mm
Foil Screen	n/a
Braid	n/a
Drain wire	n/a
Jacket	Min. 0.55 mm thickness, O.D. 5.6±0.2 mm
Separator	PE



Printing on the cable

- **LSZH** U/UTP INSTALL CABLE 24 AWG 4PR LSZH ISO/IEC 11801 CLASS E & ANSI/TIA-568.2-D CAT.6 XXXXXXXX-X XXXM
- **CM PVC** U/UTP INSTALL CABLE 24 AWG 4PR E178558 C(UL)US TYPE CM 75°C ISO/IEC 11801 CLASS E & ANSI/TIA-568.2-D CAT.6 XXXXXXXX-X XXXM

Installation Information

- Installing temperature 0°C to 50°C (32°F to 122°F)
- Storage temperature -40°C to 60°C (-40°F to 140°F), under static conditions
- Operating temperature -20°C to 60°C (-4°F to 140°F), under static conditions
- Pulling tension Max. 100 N
- Band radius Min. 22.4 mm (4x of cable O.D.)
- UL temperature rating 75°C

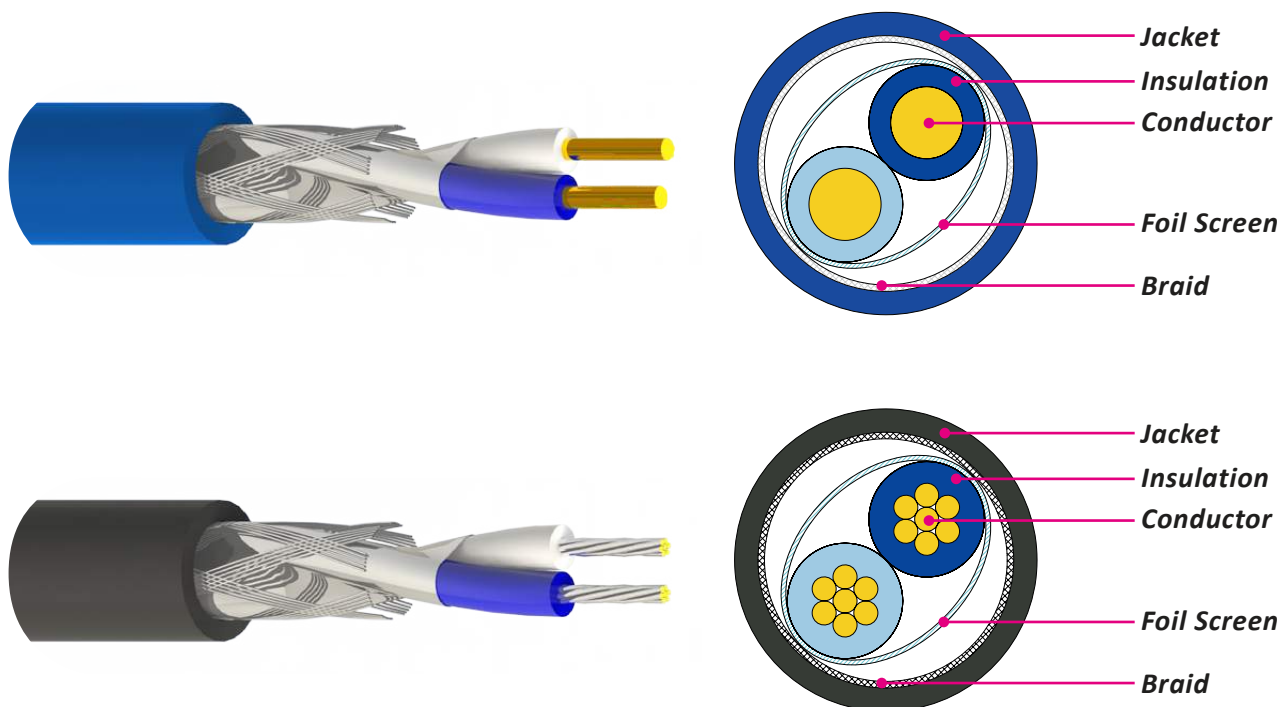
Electrical Characteristics (ANSI/TIA-568.2-D, Cable, 100m)

- DC resistance Max. 9.38Ω/100m for each conductor (UL444)
- DC resistance unbalance Max. 5% within a pair at 20°C
- DC resistance unbalance pair-pair n/a (for Cat.8 cable only)
- Dielectric strength 1KV d.c./0.7KV a.c. for 1min. or 2.5KV d.c./1.7KV a.c. for 2 s (IEC61156-5)
- Insulation resistance 5000 MΩ/km (IEC61156-5)
- Mutual capacitance Max. 5.6nF/100m, 1kHz at 20°C
- Capacitance unbalance pair-ground Max. 330pF/100m, 1kHz at 20°C
- Transfer impedance n/a (Screened only)
- Coupling attenuation n/a (Screened only)
- Phase delay Max. 536ns/100m at 250MHz
- Delay skew Max. 45ns/100m, from 1 to 250MHz at 20°C, 40°C & 60°C
- Nominal velocity propagation 70%
- Characteristic Impedance 100±5Ω at 100MHz
- PoE 60 Vdc, 4PPoE 100 W, IEEE802.3bt type 4
- UL voltage rating 300 V (UL444)

Transmission performance (ANSI/TIA-568.2-D, Cable, 100m, at 20°C)

Frequency	Return loss	Insertion loss	NEXT	PSNEXT	ACRF	PSACRF	TCL
MHz	Min. dB	Max. dB	Min. dB	Min. dB	Min. dB	Min. dB	Min. dB
1	20.0	2.0	74.3	72.3	67.8	64.8	40.0
4	23.0	3.8	65.3	63.3	55.8	52.8	40.0
100	20.1	19.8	44.3	42.3	27.8	24.8	30.0
250	17.3	32.8	38.3	36.3	19.8	16.8	26.0
500	-	-	-	-	-	-	-
1000	-	-	-	-	-	-	-
2000	-	-	-	-	-	-	-

Single Pair Ethernet Cable



Features

- Supports the Industrial Internet of Thing (IIoT)
- Supports the IEEE P802.3bu 1-Pair Power over Data Lines (PoDL) up to 50 W
- Compatible with standard SPE connectors
- UV, Oil resistance, low temperature and high flex applications for industrial environment
- Compliant with the IEC61156-11 Single Pair Cable requirement
- Slim size and light weight for High-Density installation
- Operating temperature -30°C to 75°C
- PUR, PVC and LSZH jacket material are available

Application Information

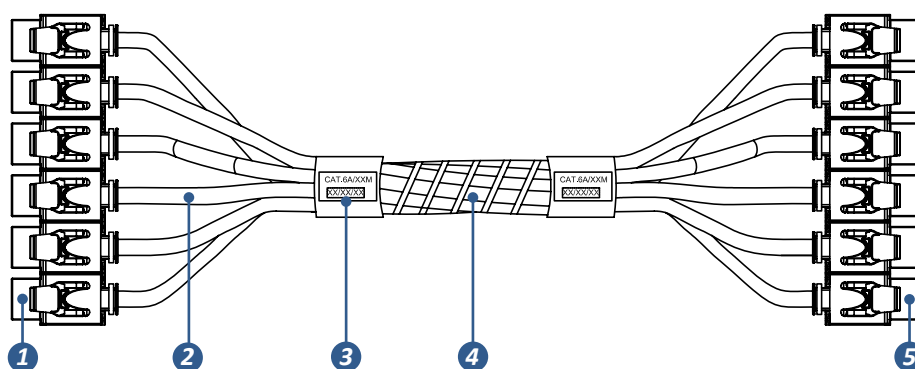
Cable Specifications			Application Information			
Structure	AWG	Conductor	Bandwidth	Data rate	Standard	Length
S/FTP	22	Solid, Bare copper	20MHz	10Mbps	IEEE802.3cg 10BASE-T1L	40m
S/FTP	24	Stranded, Tined copper	600MHz	1Gbps	IEEE802.3bp 1000BASE-T1	1000m

Pre-Terminated Trunk Cable



Features

- Pre-terminated and 100% tested in factory for reliable and extreme performance
- Optional label for traceability
- Cat.6 and Cat.6A , UTP and STP, Permanent-Link and MPLT length up to 90meters
- Cat.8 STP Permanent-Link length up to 24meters
- Cable bundle sizes from 1 to 12 cables



Category 8

ID	Part Number	Descriptions		Page
Cat.8 Jack - Jack				
1,5	AADBG 02117 00015	KJ58F-C8-FS	180° Cat.8 STP keystone jack, Tool-Free, GHMT and FORCE Verified	P.012
2	ABXVA 0601 5015XX		Cat.8 horizontal cable, Cat.8 S/FTP 22 AWG solid wires, max. 24m	P.112
Cat.8 Jack - Plug				
1	AADBG 02117 00015	KJ58F-C8-FS	180° Cat.8 STP keystone jack, Tool-Free, GHMT and FORCE Verified	P.012
2	ABXVA 0601 5015XX		Cat.8 horizontal cable, Cat.8 S/FTP 22 AWG solid wires, max. 24m	P.112
5	AAJBF 02051 70015	FPB-C8-FS	Cat.8 STP Field Termination Plug, Push-Rotate Boot, 22-24 AWG	P.082

Category 6A

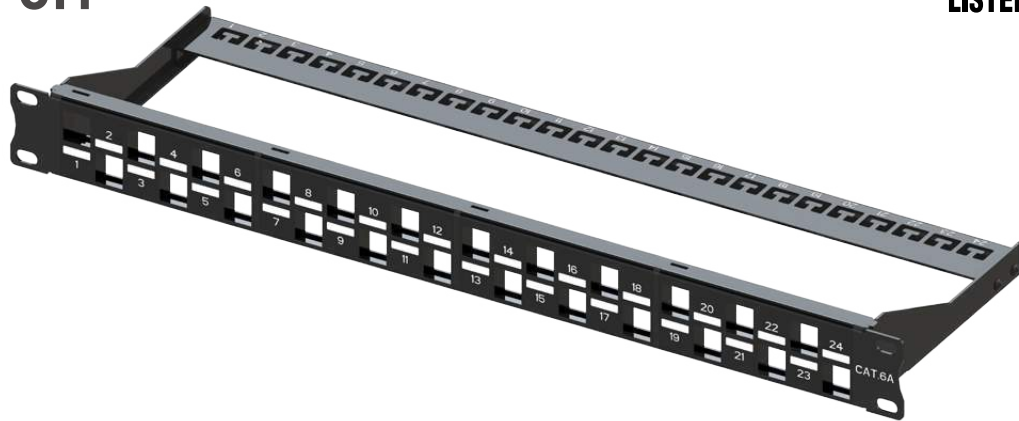
ID	Part Number	Descriptions		Page
Cat.6A Jack – Jack				
1,5	AADBH 02116 00015	KJ88F-C6A-FS	180° Cat.6A STP Connecting-Hardware Keystone Jack, Tool-Free	P.018
2	ABBUE xxxxx xxxxx		Cat.6A S/FTP 23 AWG solid wires, IEC60332-1-2 LSZH, Max. 90m	P.116
Cat.6A Jack – Plug				
1	AADBH 02116 00015	KJ88F-C6A-FS	180° Cat.6A STP Connecting-Hardware Keystone Jack, Tool-Free	P.018
2	ABBUE xxxxx xxxxx		Cat.6A S/FTP 23 AWG solid wires, IEC60332-1-2 LSZH, Max. 90m	P.116
5	AAJBF 02051 50015	FPB-6A-FS	Cat.6A STP Field Termination Plug, Push-Rotate Boot, 23-26 AWG	P.082

* ID 3 : Optional label for traceability

* ID 4: PE tape or another optional sleeve

* For more solutions, please contact JE sales department

180° Cat.6A UTP Keystone Panel, 1U-24 Port



Features

- High density port design for Hyper-Scale and Edge Data Center
- Alien Cross Talk suppression by staggered port design
- ETL verified ANSI/568.2-D Cat.6A component and 4-conductor channel including the Alien Cross Talk tested with JE Cat.6A UTP keystone Jacks
- Snap-in support-bar design for cable management

Part Number Descriptions

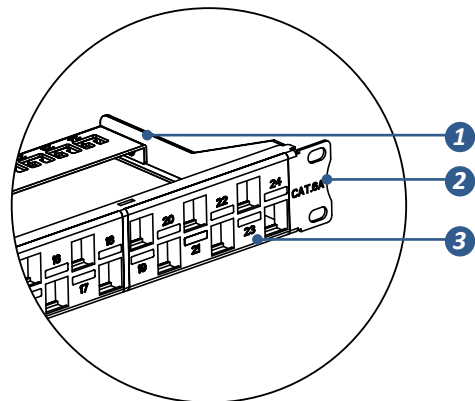
AIDAE 24125 21101 UPKJ24-C6A-B/BK 180° Cat.6A UTP Keystone Panel, 1U 24-port, 150 mm support bar

Packing Information

- 1 panel per inner box
- 6 inner boxes per carton (6 pcs/carton)
- Net weight 2.9 kgs per carton
- Gross weight 5.0 kgs per carton
- Carton size L54.5 x W37.5 x H18.0cm, 1.3 CUFT, 0.037 CBM

Material Specifications

Parts	Specifications
1. Support bar	1.5 mm SPCC material with black color painting.
2. Panel	1.5 mm SPCC material with black color painting.
3. Bracket	ABS, UL94V-0

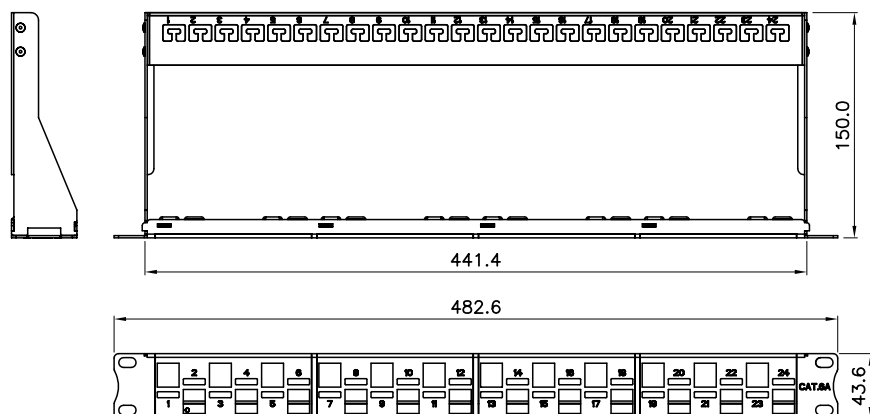


Installation Information

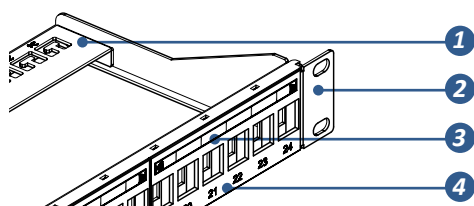
- Installing temperature 0°C to 50°C (32°F to 122°F)
- Storage temperature -40°C to 70°C (-40°F to 158°F)
- Operating temperature -10°C to 60°C (-14°F to 140°F)
- Accepts JE's Cat.6A UTP KJ types: KJ38 and KJ88F

Dimensions (mm)

Tolerance: ± 0.5 mm



UTP Keystone Panel



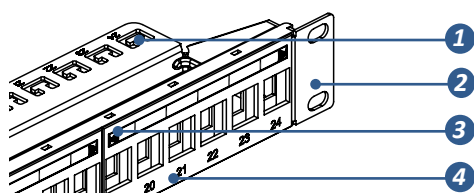
1. Support bar	1.5 mm SPCC with black painting
2. Panel	1.5 mm SPCC with black painting
3. I.D. plate	PC, clear color
4. Bracket	ABS, black color



AIDBA 24121 20101 PPKJ24-L/BK, 180° UTP Keystone Panel, ID plate, 1U 24-port, 150 mm support bar

AIDBA 24121 10101 PPKJ24/BK, 180° UTP Keystone Panel, ID plate, 1U 24-port, 90 mm support bar

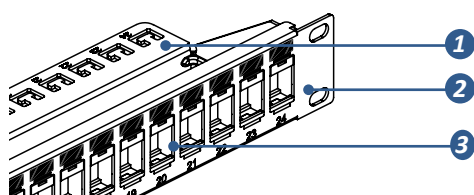
AIDBA 48221 10001 PPKJ48/BK, 180° UTP Keystone Panel, ID plate, 2U 48-port, 90 mm support bar



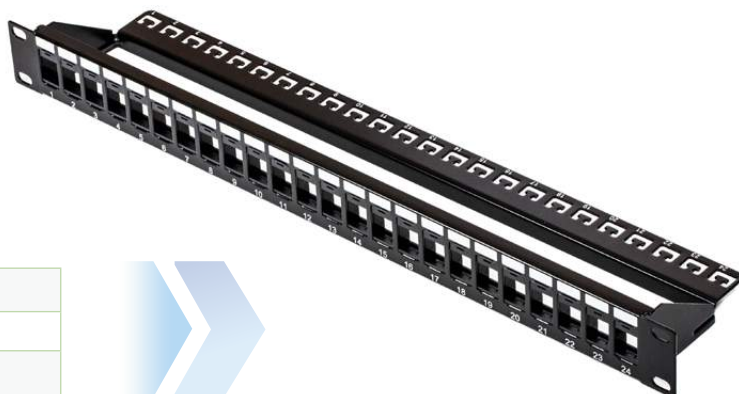
1. Support bar	1.5 mm SPCC with black painting
2. Panel	1.5 mm SPCC with black painting
3. I.D. plate	PC, clear color
4. Bracket	ABS, black color



AIDBA 24121 11101 PPKJ24S/BK, 180° UTP Keystone Panel, ID plate, 1U 24-port, Screw-Fixed 90 mm support bar



1. Support bar	1.5 mm SPCC with painting
2. Panel	1.5 mm SPCC with painting
3. Bracket	ABS



AIDAB 24121 10001 PKJ24-A/BK, 180° UTP Keystone Panel, Single-Bracket, 1U 24-port, 90 mm support bar

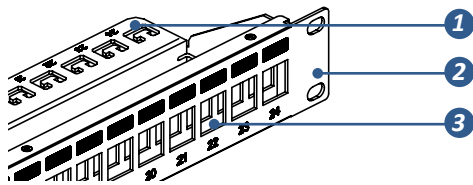
AIDAB 24121 00001 PKJ24-C/BK, 180° UTP Keystone Panel, Single-Bracket, 1U 24-port, w/o support bar

AIDAB 48221 10001 PKJ48-A/BK, 180° UTP Keystone Panel, Single-Bracket, 2U 48-port, 90 mm support bar

AIDAB 48221 00001 PKJ48-C/BK, 180° UTP Keystone Panel, Single-Bracket, 2U 48-port, w/o support bar

* Above items accepts all JE's keystone jacks excludes KJ3, KJ8B, KJ15 and KJ19 series

STP Keystone Panel



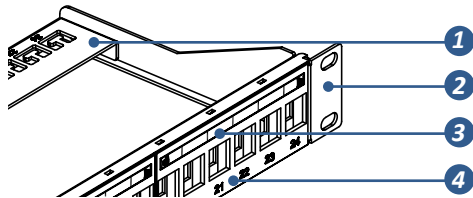
1. Support bar	1.5 mm SPCC with black painting
2. Panel	1.5 mm SPCC with black painting
3. Back panel	1.5 mm SPCC with nickel plating
4. Drain wire	18 AWG, 40cm



AIDAC 16121 10001 PKJF16/BK, 180° STP Keystone Panel, 1U 16-port, 90 mm support bar

AIDAC 24121 10001 PKJF24/BK, 180° STP Keystone Panel, 1U 24-port, 90 mm support bar

AIDAC 48221 10001 PKJF48/BK, 180° STP Keystone Panel, 2U 48-port, 90 mm support bar

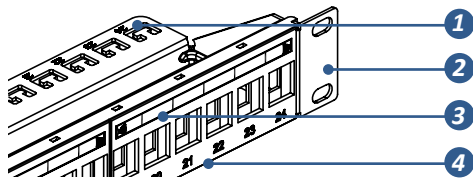


1. Support bar	1.5 mm SPCC with black painting
2. Panel	1.5 mm SPCC with zinc plating, black painting on both side
3. I.D. plate	PC, clear color
4. Bracket	ABS, black color
5. Drain wire	18 AWG, 40cm length

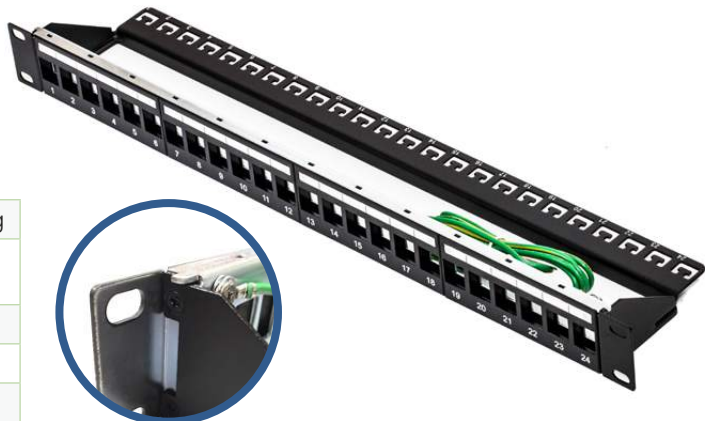


AIDBA 24121 20201 PPKJF24-L/BK, 180° STP Keystone Panel, ID plate, 1U 24-port, 150 mm support bar

AIDBA 24121 10201 PPKJF24/BK, 180° STP Keystone Panel, ID plate, 1U 24-port, 90 mm support bar



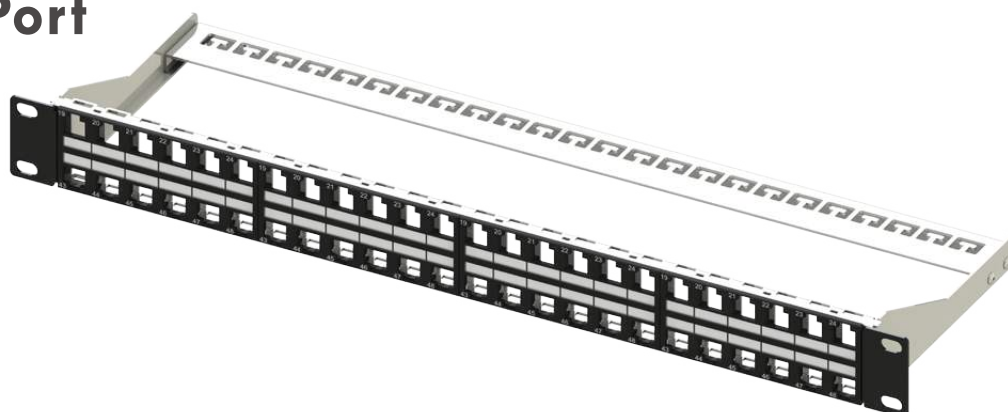
1. Support bar	1.5 mm SPCC with black painting
2. Panel	1.5 mm SPCC with zinc plating, black painting on both side
3. I.D. plate	PC, clear color
4. Bracket	ABS, black color
5. Drain wire	18 AWG, 40cm



AIDBA 24121 11201 PPKJF24S/BK, 180° STP Keystone Panel, ID plate, 1U 24-port, Screw-Fixed 90mm support bar

* Above items accepts all JE's keystone jacks excludes KJ3, KJ8B, KJ15 and KJ19 series

180° STP High-Density Keystone Panel, 1U-48 Port



Features

- High density 1U-48 port design for Hyper-Scale and Edge Data Center
- Snap-in support-bar design for cable management
- Clear and snap-in I.D. plate design for quick port identification

Part Number Descriptions

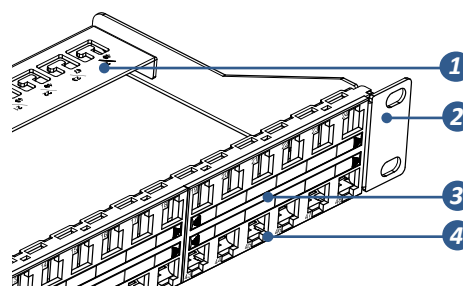
AIDAF 48121 20215 HPPKJF48/BK 180° STP High-Density Keystone Panel, 1U-48 Port

Packing Information

- 1 panel per inner box
- 6 inner boxes per carton (6 pcs/carton)
- Net weight 2.7 kgs per carton
- Gross weight 4.8 kgs per carton
- Carton size L54.5 x W37.5 x H18.0cm, 1.3 CUFT, 0.037 CBM

Material Specifications

Parts	Specifications
1. Support bar	1.5 mm SPCC material with nickel plating
2. Panel	1.5 mm SPCC material with nickel plating, black color painting on both side
3. I.D. plate	Polycarbonate, UL94V-2
4. Bracket	ABS, UL94V-HB
5. Drain wire	18 AWG, 40cm

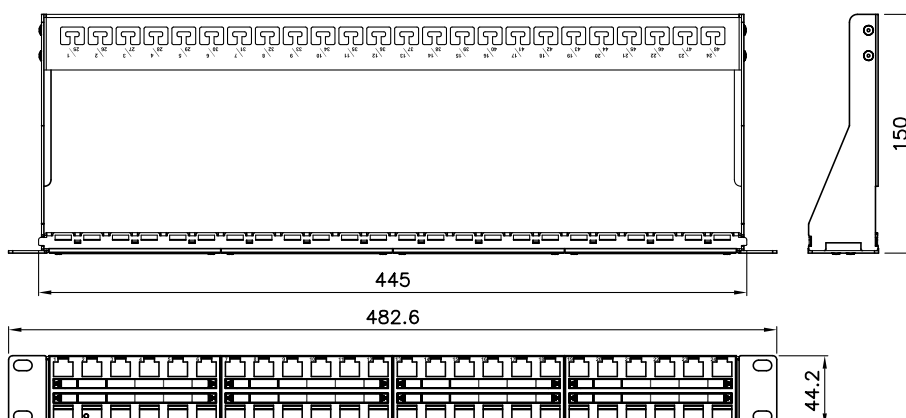


Installation Information

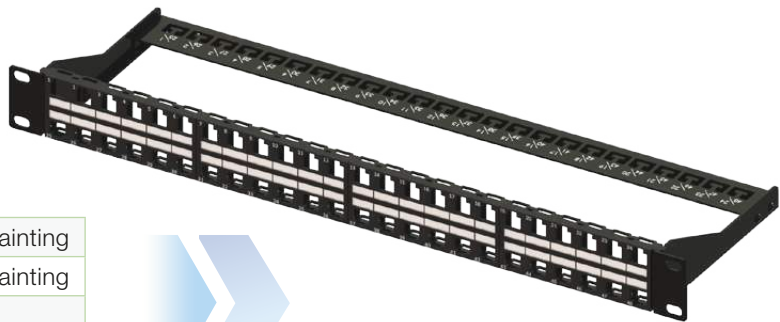
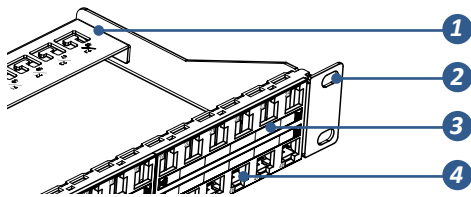
- Installing temperature 0°C to 50°C (32°F to 122°F)
- Storage temperature -40°C to 70°C (-40°F to 158°F)
- Operating temperature -10°C to 60°C (-14°F to 140°F)
- Accepts JE's KJ types: KJ32F, KJ36F, KJ58F, KJ66F, KJ68F

Dimensions (mm)

Tolerance: ± 0.5 mm



180° High-Density Keystone Panel

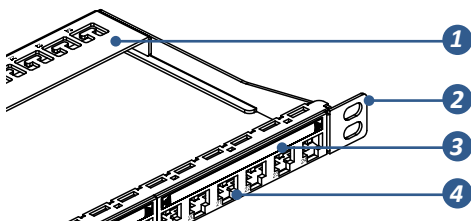


1. Support bar	1.5 mm SPCC with black painting
2. Panel	1.5 mm SPCC with black painting
3. I.D. plate	PC, clear color
4. Bracket	ABS, black color



AIDAF 48121 20101 HPPKJ48/BK, 180° UTP High-Density Keystone Panel, ID plate, 1U-48 Port

* Accepts JE's KJ types: KJ32, KJ32F, KJ38, KJ88

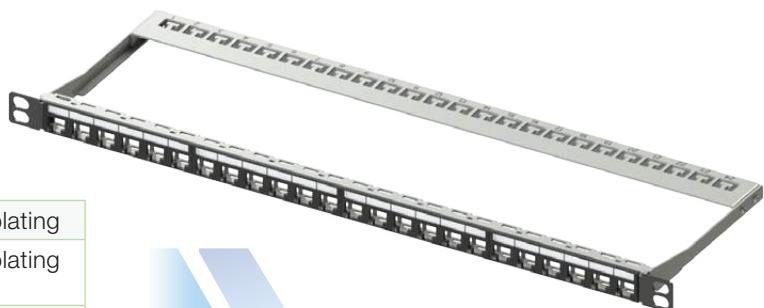
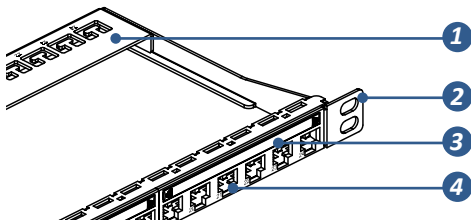


1. Support bar	1.5 mm SPCC with black painting
2. Panel	1.5 mm SPCC with black painting
3. I.D. plate	PC, clear color
4. Bracket	ABS, black color



AIDAF 24021 20101 HPPKJ24/BK, 180° UTP High-Density Keystone Panel, ID plate, 0.5U-24 Port

* Accepts JE's KJ types: KJ32, KJ32F, KJ38, KJ88



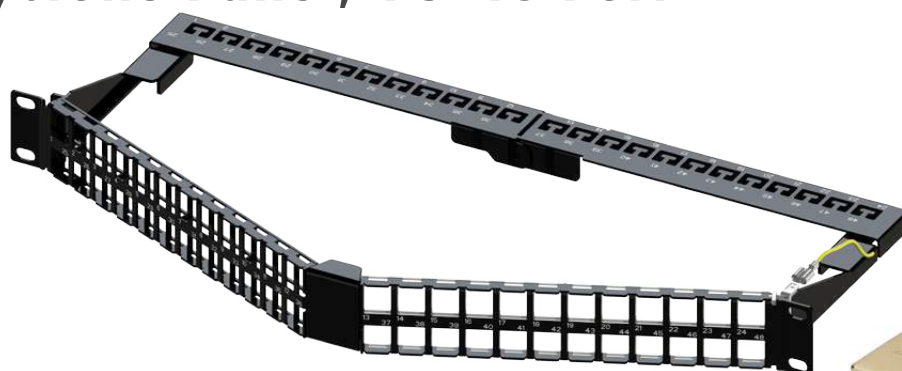
1. Support bar	1.5 mm SPCC with nickel plating
2. Panel	1.5 mm SPCC with nickel plating black painting on both side
3. I.D. plate	PC, clear color
4. Bracket	ABS, black color



AIDAF 24021 20215 HPPKJF24/BK, 180° STP High-Density Keystone Panel, ID plate, 0.5U-24 Port

* Accepts JE's KJ types: KJ32, KJ32F, KJ36F

180° STP Foldable Angled High-Density Keystone Panel, 1U-48 Port



Features

- High-Density angled panel eliminate need for horizontal managers, allowing patch cords to flow directly into vertical management
- Saving 60% room for stock, package and transportation



Part Number Descriptions

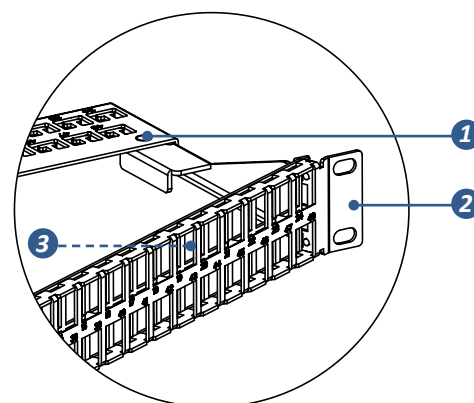
AIDCB 48121 30201 HVKJF48/BK 180° STP Foldable Angled High-Density Keystone Panel, 1U-48 Port

Packing Information

- 1 panel per inner box
- 8 inner boxes per carton (8 pcs/carton)
- Net weight 5.8 kgs per carton
- Gross weight 7.2 kgs per carton
- Carton size L34.9x W29.8 x H16.0cm, 0.59 CUFT, 0.017 CBM

Material Specifications

Parts	Specifications
1. Support bar	1.5 mm SPCC material with black color painting
2. Panel	1.5 mm SPCC material with black color painting
3. Bracket	1.5 mm SPCC material with nickel plating
4. Drain wire	18 AWG wires, 40cm

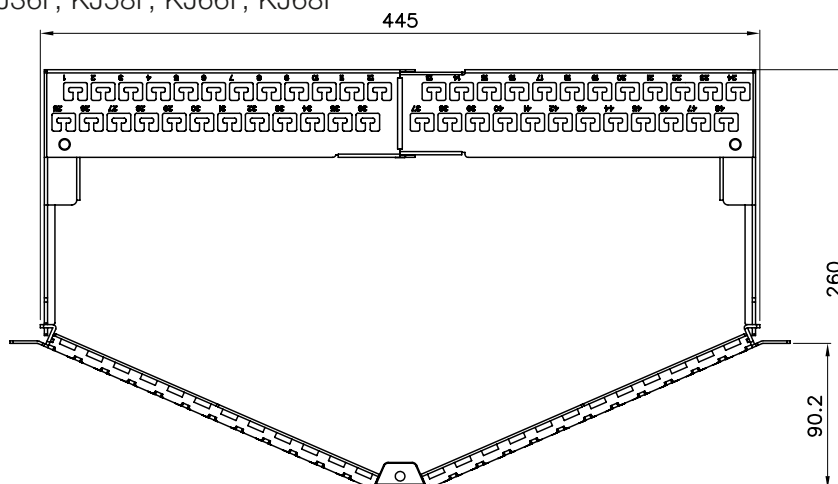


Installation Information

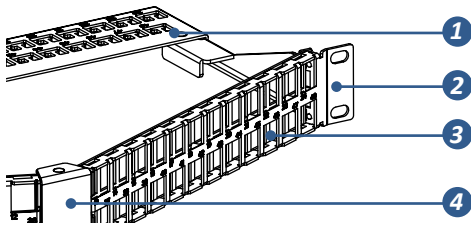
- Installing temperature 0°C to 50°C (32°F to 122°F)
- Storage temperature -40°C to 70°C (-40°F to 158°F)
- Operating temperature -10°C to 60°C (-14°F to 140°F)
- Accepts JE's KJ types: KJ32F, KJ36F, KJ58F, KJ66F, KJ68F

Dimensions (mm)

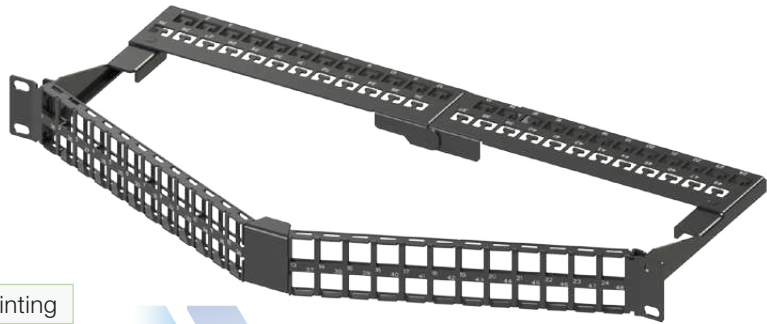
Tolerance: ± 0.5 mm



180° UTP Foldable Angled High-Density Keystone Panel

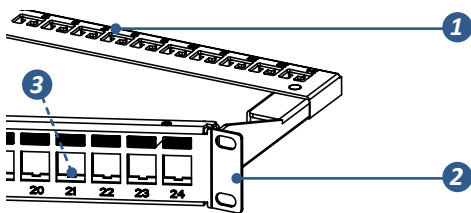


1. Support bar	1.5 mm SPCC with black painting
2. Front Panel	1.5 mm SPCC with black painting
3. Panel Bracket	1.5 mm SPCC with black painting
4. Middle parts	1.5 mm SPCC with black painting

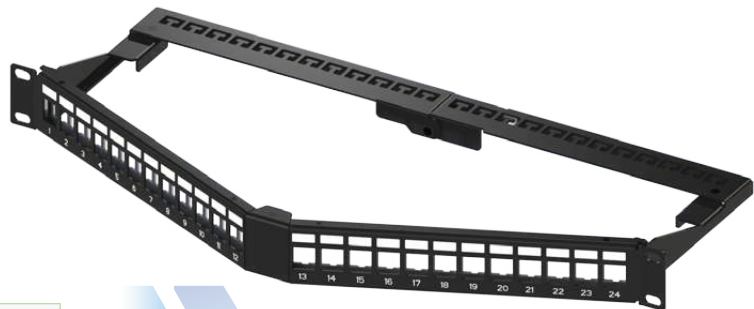


AIDCB 48121 30101 HVKJ48/BK, 180° UTP Foldable Angled High-Density Keystone Panel, 1U-48 Port

* Accepts JE's KJ types: KJ32F, KJ38, KJ58F, KJ88

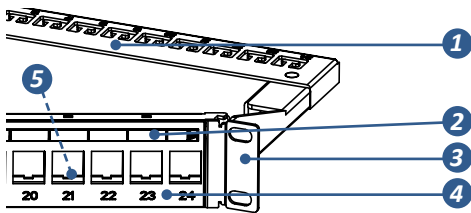


1. Support bar	1.5 mm SPCC with black painting
2. Front Panel	1.5 mm SPCC with black painting
3. Back Panel	1.5 mm SPCC with black painting



AIDCB 24121 30101 VKJ24/BK, 180° UTP Foldable Angled Keystone Panel, 1U-24 Port

* Accepts all JE's keystone jacks excludes the In-Line coupler Keystone Jack (KJ9A & KJ9AS)



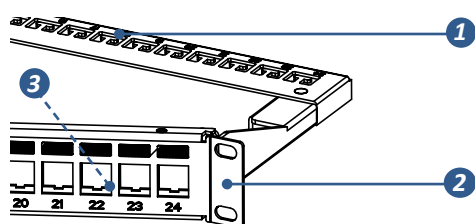
1. Support Bar	1.5 mm SPCC with black painting
2. I.D. Plate	PC
3. Front Panel	1.5 mm SPCC with black painting
4. I.D. Bracket	ABS
5. Back Panel	1.5 mm SPCC with black painting



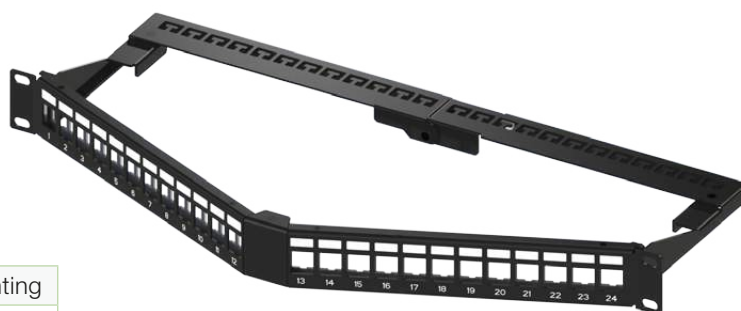
AIDBB 24121 30101 VPKJ24/BK, 180° UTP Foldable Angled High-Density Keystone Panel, ID plate, 1U-24 Port

* Accepts all JE's keystone jacks excluded the In-Line coupler Keystone Jack (KJ9A & KJ9AS)

180° STP Foldable Angled Keystone Panel

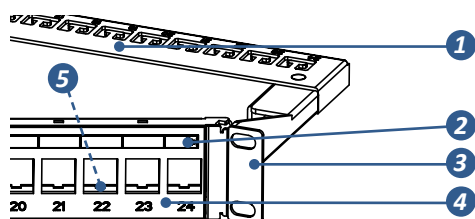


1. Support bar	1.5 mm SPCC with black painting
2. Front Panel	1.5 mm SPCC with black painting
3. Back Panel	1.5 mm SPCC with nickel plating
4. Drain Wire	18 AWG wires, 40cm



AIDCB 24121 30201 VKJF24/BK, 180° STP Foldable Angled Keystone Panel, 1U-24port

** Accepts all JE's keystone jacks excluded the In-Line coupler Keystone Jack (KJ9A & KJ9AS)*



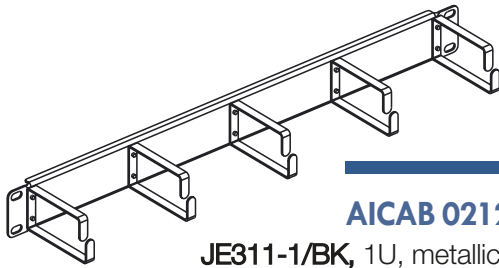
1. Support Bar	1.5 mm SPCC with black painting
2. I.D. Plate	PC
3. Front Panel	1.5 mm SPCC with black painting
4. I.D. Bracket	ABS
5. Back Panel	1.5 mm SPCC with nickel plating
6. Drain Wire	18 AWG wires, 40cm



AIDBB 24121 30201 VPKJF24/BK, 180° STP Foldable Angled Keystone Panel, ID plate, 1U-24port

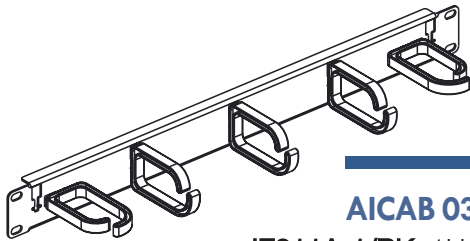
** Accepts all JE's keystone jacks excluded the In-Line coupler Keystone Jack (KJ9A & KJ9AS)*

Cable Management



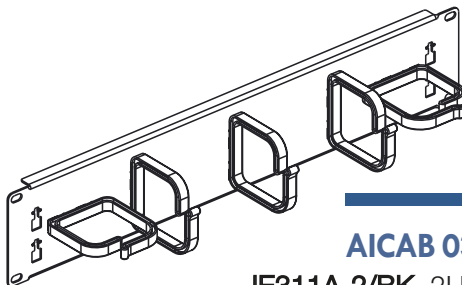
AICAB 02120 00001

JE311-1/BK, 1U, metallic cable ring



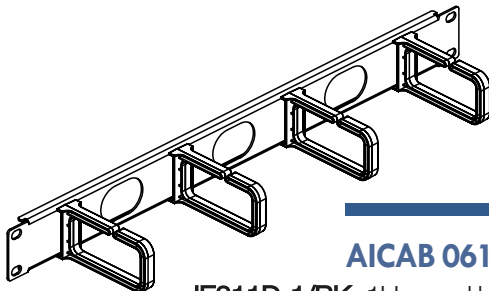
AICAB 03120 00001

JE311A-1/BK, 1U, V+H plastic cable ring



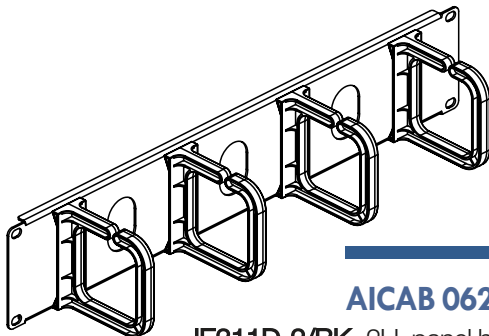
AICAB 03220 00001

JE311A-2/BK, 2U, V+H plastic cable ring



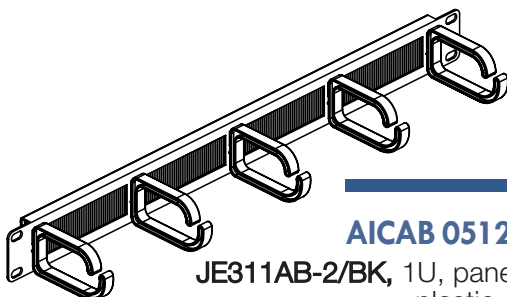
AICAB 06120 00001

JE311D-1/BK, 1U, panel hole + plastic cable ring



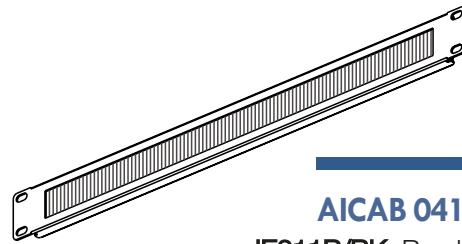
AICAB 06220 00001

JE311D-2/BK, 2U, panel hole + plastic cable ring



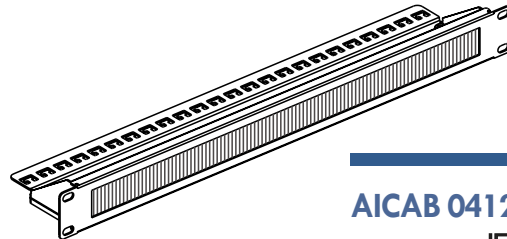
AICAB 05120 00001

JE311AB-2/BK, 1U, panel brush + plastic cable ring



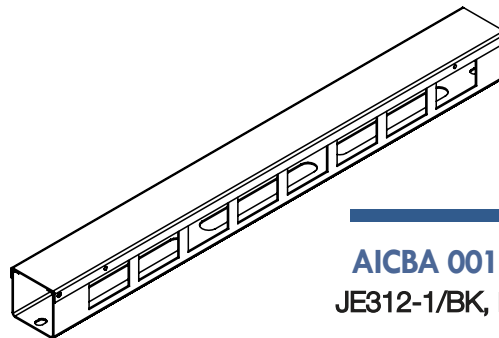
AICAB 04120 20001

JE311B/BK, Brush Panel, 1U



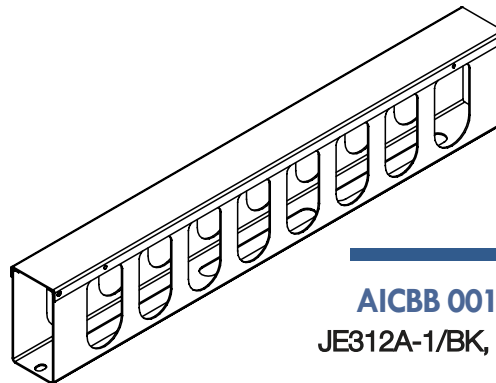
AICAB 04120 10001

JE311C/BK, Brush Panel, 1U, w/ support bar



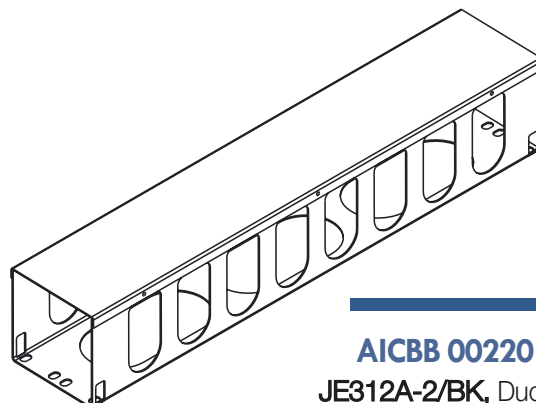
AICBA 00120 00001

JE312-1/BK, Ducting, 1U



AICBB 00120 00001

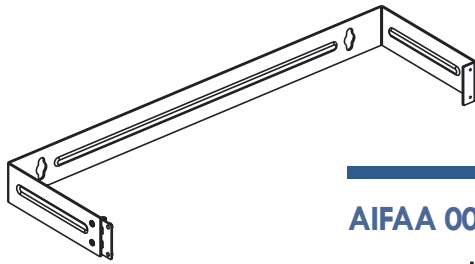
JE312A-1/BK, Ducting, 1U



AICBB 00220 00001

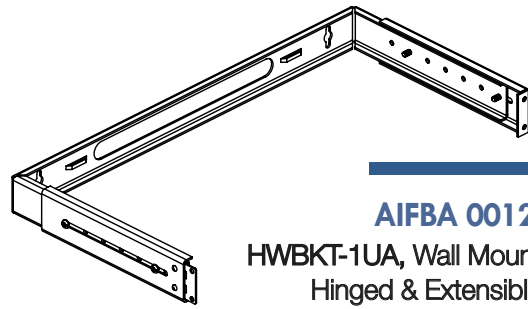
JE312A-2/BK, Ducting, 2U

Wall Mount Bracket



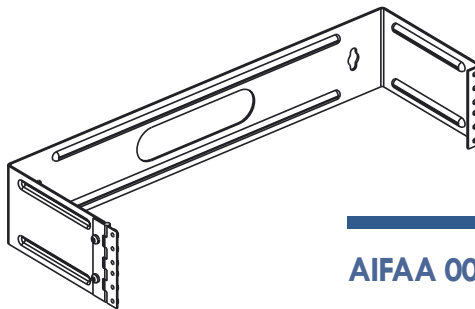
AIFAA 00120 00001

JE313-1/BK,
Wall Mount Bracket, 1U, Hinged, 19inch



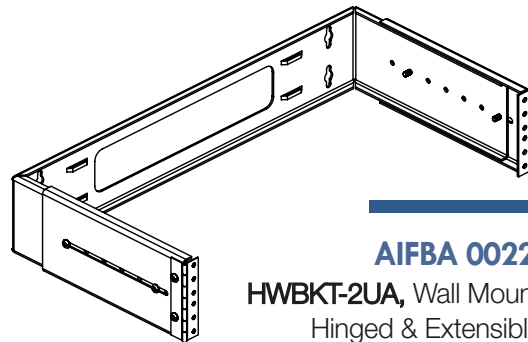
AIFBA 00120 00001

HWBKT-1UA, Wall Mount Bracket,
Hinged & Extensible Bracket,
1U, 19inch



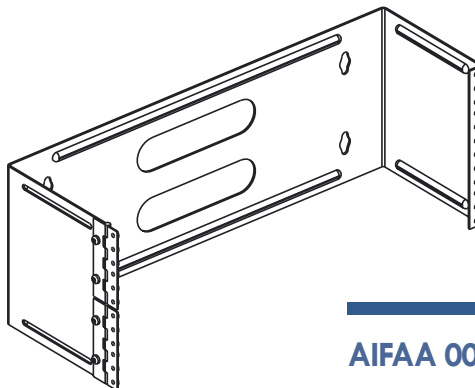
AIFAA 00220 00001

JE313-2/BK,
Wall Mount Bracket, Hinged, 2U, 19inch



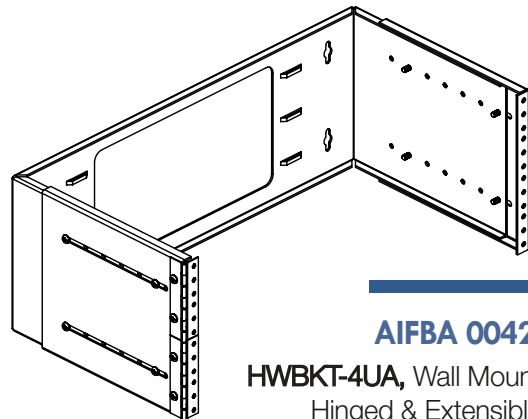
AIFBA 00220 00001

HWBKT-2UA, Wall Mount Bracket,
Hinged & Extensible Bracket,
2U, 19inch



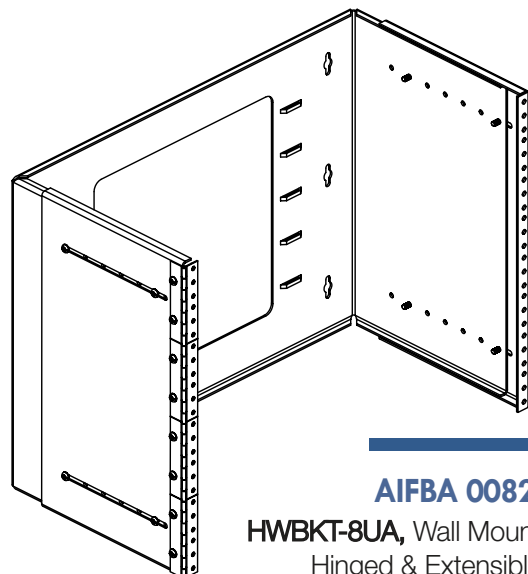
AIFAA 00420 00001

JE313-4/BK,
Wall Mount Bracket, Hinged, 4U, 19inch



AIFBA 00420 00001

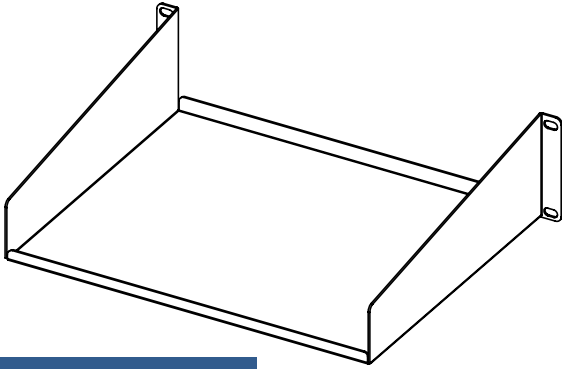
HWBKT-4UA, Wall Mount Bracket,
Hinged & Extensible Bracket,
4U, 19inch



AIFBA 00820 00001

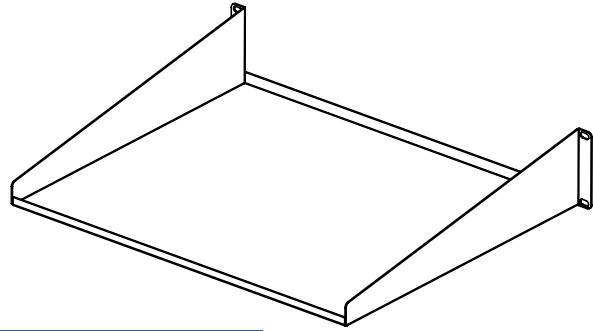
HWBKT-8UA, Wall Mount Bracket,
Hinged & Extensible Bracket,
8U, 19inch

Metal Shelf and Blank Panel



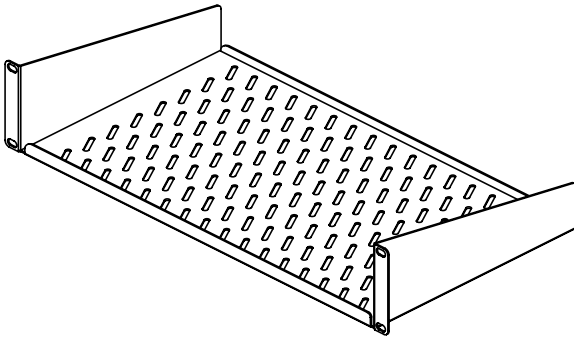
AIGAA 01221 00001

1910-S-K,
Shelf, 2U, 19inch, depth 10 inch



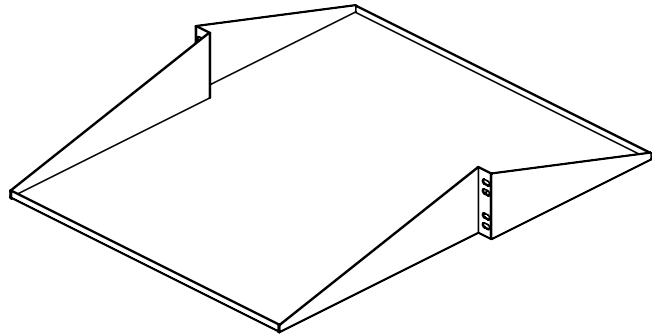
AIGAA 01221 50001

1915A-S-K,
Shelf, 2U, 19inch, depth 15 inch



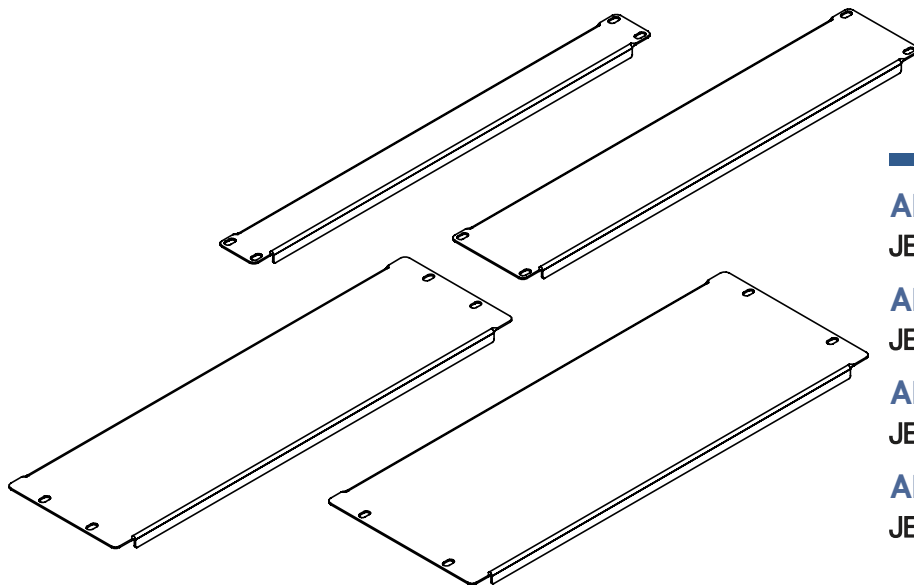
AIGAA 02221 00001

1910B-S-K,
Shelf, Vented type, 2U, 19inch, depth 10 inch



AIGBA 01222 30001

1923-C-K,
Shelf, 2U, 19inch, depth 23 inch



AICAB 01120 00001

JE314-1, Blank Panel, 1U, 19inch

AICAB 01220 00001

JE314-2, Blank Panel, 2U, 19inch

AICAB 01320 00001

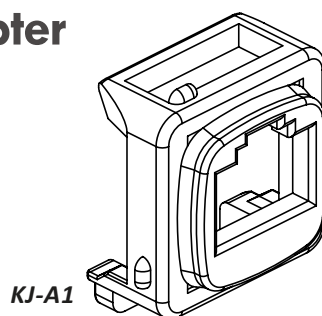
JE314-3, Blank Panel, 3U, 19inch

AICAB 01420 00001

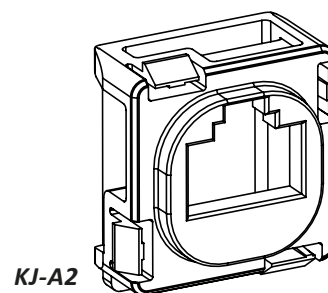
JE314-4, Blank Panel, 4U, 19inch

Accessory

Australian Type Adapter



KJ-A1



KJ-A2

Part Number Descriptions

PBAJEA 3101 05001	KJ-A1/WH	Australian type adapter for HPM Face Plate, ABS, white color, 1k pcs/carton
PBAJEA 3101 05002	KJ-A2/WH	Australian type adapter for Clipsal Face Plate, ABS, white color, 1k pcs/carton

Snap-In Adapter



MU5-F



MU5-BNC



MU5-B

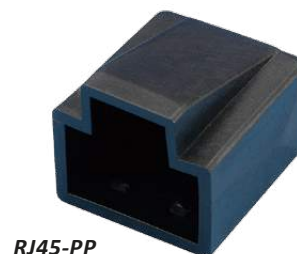
Part Number Descriptions

AJSAB 05000 00115	MU5-F/WH	F Module Insert, white color, 1k pcs/carton
AJSAC 05000 00115	MU5-BNC/WH	BNC Module Insert, white color, 1k pcs/carton
PBAJNA 3101 05003	MU5-B/WH	Blank Module Insert, ABS, 1k pcs/carton

Dust Cap



RJ45-SP



RJ45-PP

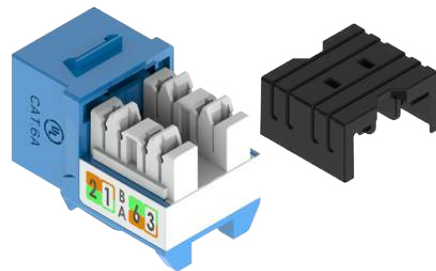
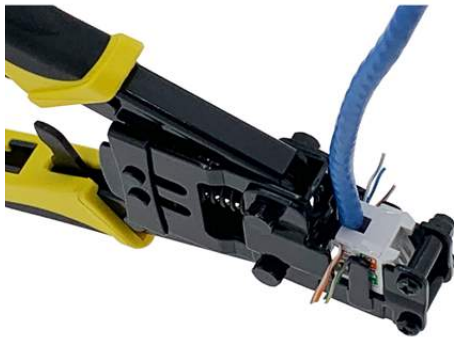
Part Number Descriptions

PCAJCA 2006 01001	RJ45-SP/BK	RJ45 Socket Protector, PVC 45P
PBAJEC 3109 XX001	RJ45-SP/XX	RJ45 Socket Protector, PVC 45P, XX=color, 02=GY, 03=RD, 05=WH, 06=YL, 07=BL, 08=GN, 10k pcs/carton
PBAJEB 3106 01001	RJ45-PP/BK	RJ45 Plug Protector, PE, black color, 5k pcs/carton

Keystone Jack Termination Tool

Features

- For trim and punch wires to IDC at one shot (For TL-KJ38 and TL-KJ32FS)
- For precisely trim the rest wires of IDC-Cap (For TL-KJ88F)
- Easy and precise installation by the patented pressing structure
- Ratchet and ratchet-release mechanism design
- Functions identified by colored handle



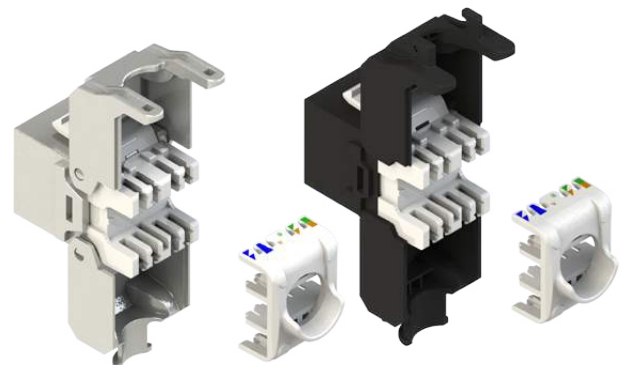
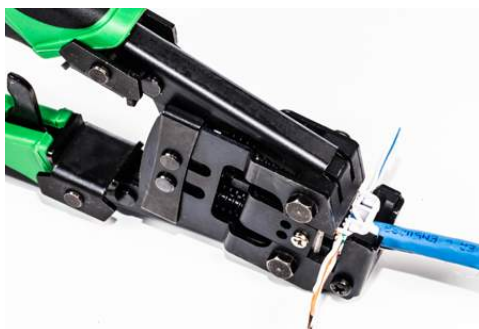
Part Number Descriptions

ALLDL 00817 50000 TL-KJ38 Termination Tool, for KJ38, yellow color handle



Part Number Descriptions

ALLDL 00817 50100 TL-KJ32FS Termination Tool, for KJ32-FS, blue color handle



Part Number Descriptions

ALLDL 00837 50000 TL-KJ88F Termination Tool, for KJ88F Cap, green color handle

Keystone Jack Termination Tool, EZ Type



Features

- Economic and easy field-termination solutions by light weight plastic material
- Multi-function integrated design for Tool-Free keystone jacks and field-term. plugs terminations
- Functions identified by colored block

Part Number

Descriptions

ALEJE 05200 30101	ETC-A, EZ-Tool for JE's KJ18F, KJ36F, KJ66F and KJ68F, black color block
ALEJE 05200 30301	ETC-C, EZ-Tool for JE's KJ58F, grey color block
ALEJE 05200 30401	ETC-D, EZ-Tool for JE's KJ32F and Field Termination Plugs, yellow color block

Cable Tester



Features

- RJ45 interface
- Easy to verify Open, Short and Miss-wire of cable pair
- Remote unit provides far-end channel for field testing

Part Number

Descriptions

AMAAA 01000 00106	25-1YL-1, Cable Tester
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Faceplate



Part Number Descriptions

AAHPD 01000 00404	JE327-NMP	Faceplate, 86 x 86 mm, for 2 pcs 50 x 25 mm module, white
AAHPD 01000 00504	JE327-NMP-D/WH	Faceplate, 146 x 86 mm, for 4 pcs 50 x 25 mm module, white



Part Number Descriptions

AAHPA 01010 00404	JE338-1/WH	Faceplate, 86 x 86 mm, for LJ6C module 38.5 x 25 mm, 1-port, white
AAHPA 01020 00404	JE338-2/WH	Faceplate, 86 x 86 mm, for LJ6C module 38.5 x 25 mm, 2-port, white
AAHPA 02040 00504	JE338-4/WH	Faceplate, 146 x 86 mm, for LJ6C module 38.5 x 25 mm, 4-port, white



Part Number Descriptions

AAHRA 01000 00404	JE303W1-PB	Faceplate, 86 x 86 mm, for 2pcs 50 x 25 mm module, white
AAHRA 01000 00504	JE303W1-PC	Faceplate, 146 x 86 mm, for 4pcs 50 x 25 mm module, white

Faceplate and Module Insert



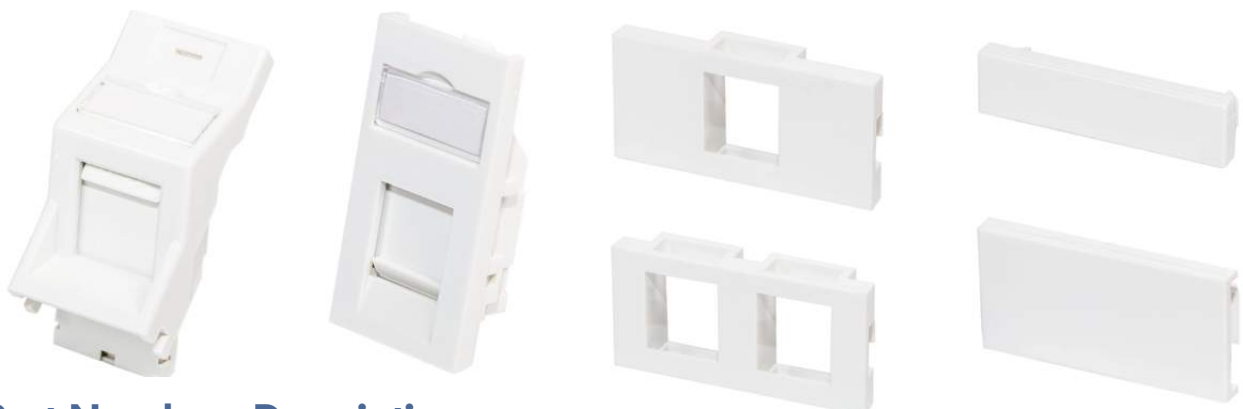
Part Number Descriptions

AAHPH 10010 00404	JE336A-1/WH	Faceplate, 86 x 86 mm, with ID plate and Shutter, 1-port, white
AAHPH 10020 00404	JE336A-2/WH	Faceplate, 86 x 86 mm, with ID plate and Shutter, 2-port, white



Part Number Descriptions

AAHPG 01010 00404	JE336-1/WH	Faceplate, 86 x 86 mm, with ID plate and Shutter, 1-port, white color
AAHPG 01020 00404	JE336-2/WH	Faceplate, 86 x 86 mm, with ID plate and Shutter, 2-port, white color



Part Number Descriptions

AAIOD 01011 00004	JE339/WH	Angled Module-Insert, 50 x 25 mm, with ID plate and Icon-Slot, white
AAIOC 01011 00004	JE340/WH	Module-Insert, 50 x 25 mm, with ID plate and Shutter, white
AAIOA 02011 00004	JE303W1-MS	Module-Insert, 50 x 25 mm, 1-port, white
AAIOA 02012 00004	JE303W1-MD	Module-Insert, 50 x 25 mm, 2-port, white
AAIPA 00020 00004	JE303W1-BA	Blank-Insert, 50 x 12.5 mm
AAIPA 00010 00004	JE303W1-BB	Blank-Insert, 50 x 25 mm

French Style Faceplate and Module Insert



Part Number Descriptions

AAHQA 01000 00305 JE304W-P Faceplate, French style, 80 x 80 mm, white



Part Number Descriptions

AAINA 02022 00005 JE304W-MD Module-Insert, French style, 22.5 x 45 mm, 1-port, white

AAINA 02011 00005 JE304W-MS Module-Insert, French style, 45 x 45 mm, 1-port, white



Spring function

Part Number Descriptions

AAINC 02011 00005 JE304B-S Module-Insert, French style, 45 x 45 mm, 1-port, with Shutter-Cap, white

AAINC 02012 00005 JE304B-D Module-Insert, French style, 45 x 45 mm, 2-port, with Shutter-Cap, white

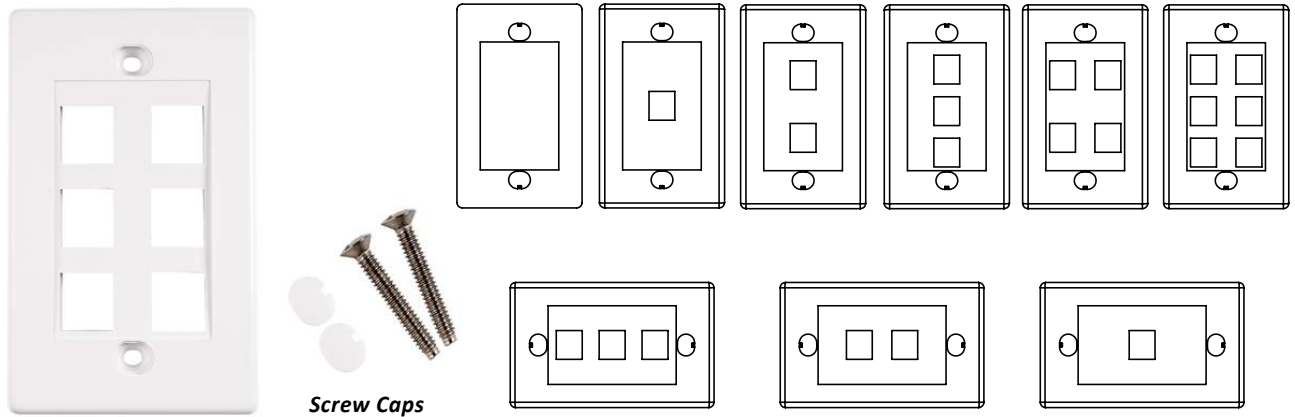


Part Number Descriptions

AAIND 02011 00005 JE304C-S Module-Insert, French style, 45 x 45 mm, 1-port, with Dust-Cap, white

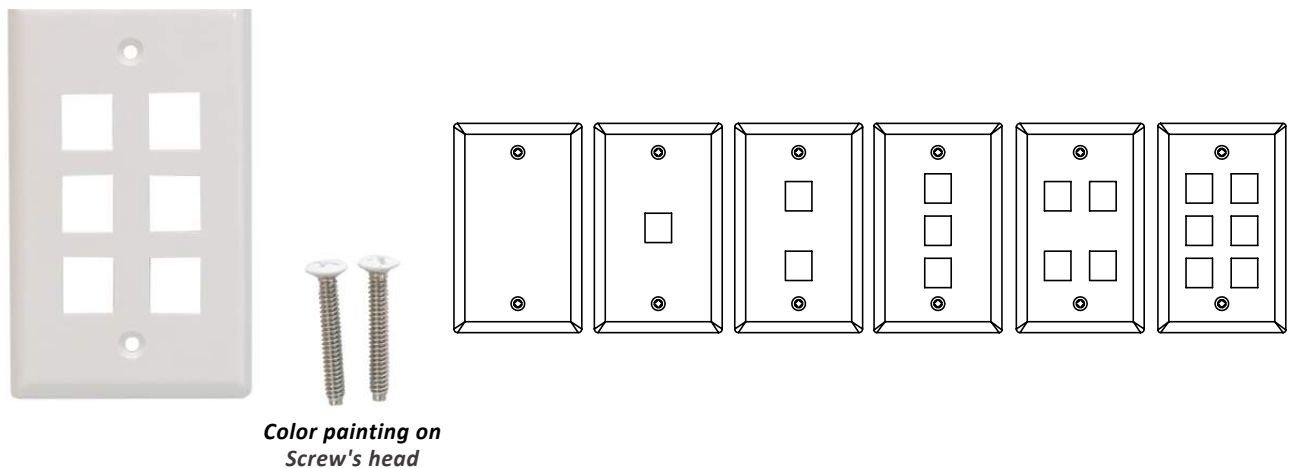
AAIND 02012 00005 JE304C-D Module-Insert, French style, 45 x 45 mm, 2-port, with Dust-Cap, white

American Style Faceplate



Part Number Descriptions

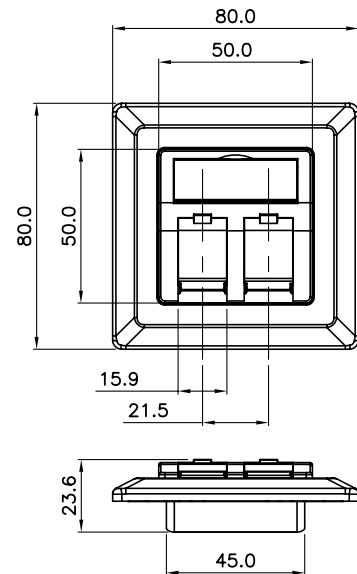
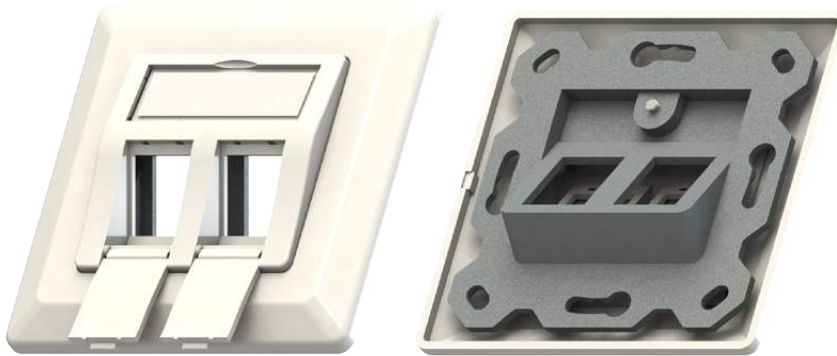
AAHOC 01000 10105	JE317A-BN/WH	Blank, 114 x 70 mm, white
AAHOC 01010 10105	JE317A-V1/WH	Vertical 1-port, 114 x 70 mm, white
AAHOC 01020 10105	JE317A-V2/WH	Vertical 2-port, 114 x 70 mm, white
AAHOC 01030 10105	JE317A-V3/WH	Vertical 3-port, 114 x 70 mm, white
AAHOC 01040 10105	JE317A-V4/WH	Vertical 4-port, 114 x 70 mm, white
AAHOC 01060 10105	JE317A-V6/WH	Vertical 6-port, 114 x 70 mm, white
AAHOC 02010 10105	JE317A-H1/WH	Horizontal 1-port, 114 x 70 mm, white
AAHOC 02020 10105	JE317A-H2/WH	Horizontal 2-port, 114 x 70 mm, white
AAHOC 02030 10105	JE317A-H3/WH	Horizontal 3-port, 114 x 70 mm, white
AAHOF 01080 10205	JE334-08/WH	8- port, 114 x 115 mm, white
AAHOF 01120 10205	JE334-12/WH	12-port, 114 x 115 mm, white



Part Number Descriptions

AAHOA 01000 10105	JE300-BN/WH	Blank, 114 x 70 mm, white
AAHOA 01010 10105	JE300-V1/WH	Vertical 1-port, 114 x 70 mm, white
AAHOA 01020 10105	JE300-V2/WH	Vertical 2-port, 114 x 70 mm, white
AAHOA 01030 10105	JE300-V3/WH	Vertical 3-port, 114 x 70 mm, white
AAHOA 01040 10105	JE300-V4/WH	Vertical 4-port, 114 x 70 mm, white
AAHOA 01060 10105	JE300-V6/WH	Vertical 6-port, 114 x 70 mm, white

Germany Style Faceplate

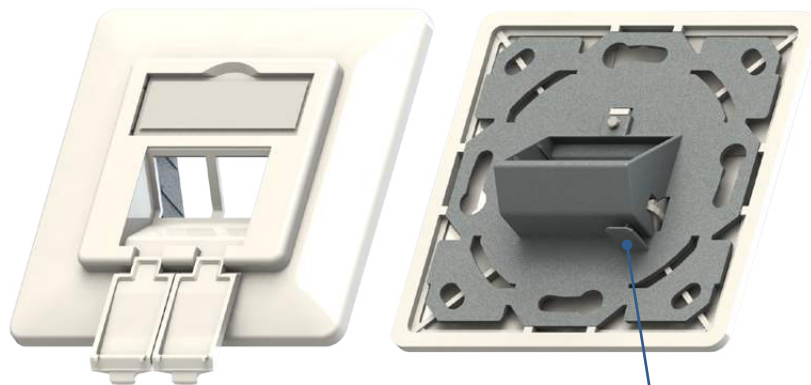


Features

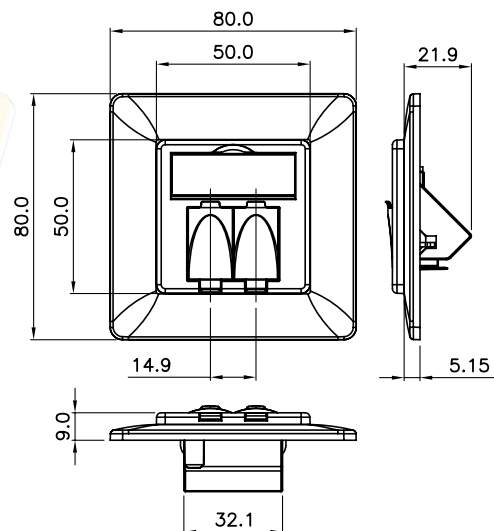
- A 45° angle to facilitate in cable flow and provides more cabling room
- Dust caps provides protection from dust, insect infestation and the insertion of foreign objects

Part Number Descriptions

AAHNA 10020 00305 JE307K-2/WH	Germany style faceplate, 80 x 80 mm, 2-port, white color
AAHNA 10020 00313 JE307K-2/IV	Germany style faceplate, 80 x 80 mm, 2-port, ivory color



For grounding
wire connection



Features

- A 45° angle to facilitate in cable flow and provides more cabling room
- Dust caps provides protection from dust, insect infestation and the insertion of foreign objects
- Grounding wire connection design

Part Number Descriptions

AAHNB 10020 00305 JE307N-2/WH	Germany style faceplate, 80 x 80 mm, 2-port, white color
AAHNB 10020 00313 JE307N-2/IV	Germany style faceplate, 80 x 80 mm, 2-port, ivory color

Keystone Jack Box



AAGPC 10010 42205

JE301A/WH

- Keystone Jack Box, with Jack Bracket, 1-port, white color
- Box size: L50 x W30 x H30 mm
- Box material: ABS, UL94V-0



AAGPC 00020 41205

JE302A/WH

- Keystone Jack Box, with Jack Bracket, 2-port, white color
- Box size: L50 x W50 x H30 mm
- Box material: ABS, UL94V-0



AAGPE 10010 52205

JE341-1/WH

- Keystone Jack Box, with Shutter and ID plate, 1-port, white color
- Box size: L65 x W37 x H30 mm
- Box material: ABS, UL94V-0



AAGPE 00020 51205

JE341-2/WH

- Keystone Jack Box, with Shutter and ID plate, 2-port, white color
- Box size: L65 x W63 x H30 mm
- Box material: ABS, UL94V-0



AAGNB 00120 11205

SM12-KX/WH

- Keystone Jack Box, 6 or 12port, white color
- Box size: L112 x W170 x H38 mm
- Box material: ABS, UL94V-0

Back Box



114x70 **AAGOA 00000 21205**

- **JE318/WH**, Back Box, white color
- Box size: W70 x L114 x D47 mm
- Box material: ABS, UL94V-0



86x86 **AAGOE 00000 26104**

- **JE337-SBX1**, Back Box, UK white
- Box size: L86 x W86 x D27 mm
- Box material: ABS, UL94-HB



86x86 **AAGOE 00000 27104**

- **JE337-SBX2**, Back Box, UK white
- Box size: L86 x W86 x D37 mm
- Box material: ABS, UL94V-HB



86x86 **AAGOD 00000 25104**

- **JE337/W1**, Back Box, UK white
- Box size: L86 x W86 x D32 mm
- Box material: ABS, UL94-HB



86x86 **AAGOC 00000 24105**

- **JE306/WB**, Back Box, UK white
- Box size: L86 x W86 x D42 mm
- Box material: ABS, UL94V-HB



146x86 **AAGOE 00000 28104**

- **JE337-DBX**, Back Box, UK white
- Box size: W86 x L146 x D32 mm
- Box material: ABS, UL94-HB



80x80 **AAGOB 00000 22105**

- **JE305/WH**, Back Box, UK white
- Box size: L80 x W80 x D35 mm
- Box material: ABS, UL94V-0



80x80 **AAGOC 00000 23105**

- **JE306/WA**, Back Box, UK white
- Box size: L80 x W80 x D42 mm
- Box material: ABS, UL94-HB



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