

Copper Structured Cabling

Cat 8 Keystone Jack – STP Tool Free 180°



Product Description

25/40G base-transmission speed in permanent link up to 24m and channel link up to 30m. Especially for ToR and MoR cabling in data centres.

Features & Benefits

- The cat 8.1 keystone module with 360° screening supports transmission speeds of up to 25 GBit/s or 40 GBit/s in connection with cat 8 installation cables
- With up to 2000 MHz, the keystone jack is suitable, for example, for ToR and MoR cabling in data centres – line lengths of 24m in permanent link and 30m in channel link are supported
- In connection with a modular patch panel, the cat 8 keystone modules are perfect for future-oriented, structured building cabling
- The mounting connection of the keystone module of the category 8 Class 1 makes tool-free installation of the network cable (AWG 22-26) possible – cable fixation is done with a cable tie
- The keystone module has a jack for RJ45 plugs, which can handle a tensile load of 7.7 kg and more than 750 mating cycles in accordance with ISO/IEC 11801, IEC 60603-7-81
- Cable installation via LSA strips, colour coded according to ANSI/TIA-568.0-D Standard of 2017
- Tool-free mounting connection

Technical Specifications

Transmission Properties	Category 8, Class I
Area of Application	Up to 2000 MHz, 25/40GBase-T
Norms	ISO/IEC 11801 3rd Ed.; EN 50173-1; ANSI/TIA-568-C.2 Standard of 2009; ANSI/TIA-568.0-D Standard of 2017; 802.3af, 802.3at; 802.3bt (PoE, PoE+, 4PPoE)
Housing Material	Zinc die-cast, nickel-plated
RJ45 Female Material	ABS UL 94V-0
RJ45 Female Contact	Tinned phosphor bronze, 50um gold-plated contact
RJ45 Shielding	Tinned bronze
IDC Termination Clamp	Krone LSA+, UL 94V-2, zinc plated phosphor bronze
Conductor Plate	FR4, UL 94V-0
Insertion Force	30N max (IEC 60603-7-5)
Retention Strength	7.7 kg between jack and plug

Applications

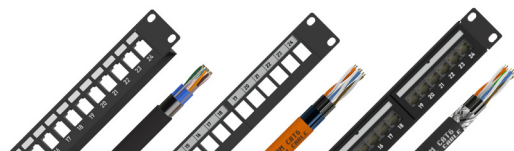
- Suitable for patch panels and mounting outlets

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To Order

Ordering information on page 2.





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Technical Specifications (continued)

Operation temperature	-10° C to +60 °C (ISO/IEC 11801, EN 50173-1, ANSI/TIA/EIA 568.0-D) -10° C to +60 °C (ISO/IEC 11801, EN 50173-1, ANSI/TIA/EIA 568.0-D)
Mating Cycles Female	> 750 gem. ISO/IEC 11801, IEC 60603-7-81
Clamp	> 200 acc. to ISO/IEC 11801, IEC 60603-7-5
IDC Wire Size	22 – 26 AWG solid and stranded conductor
Insulation Resistance	> 500 milliohm
Contact Resistance	< 20 milliohm
Dielectric Strength	1000 VDC (Contact/Contact), 1500 VDC (Contact/Ground)
Colour	Silver

Connection Type	Insulation displacement
Screened	Yes
Suitable for Round Cable	Yes
Suitable for Flat Cable	No
Suitable for Litz Wire Conductor	Yes
Suitable for Solid Core	Yes
Type of Connector	RJ45 8(4)
AWG Range	26 ... 22
Special Tool Necessary	No

Ordering Information

Use combinations of **bold** letters and numbers to create part numbers for ordering.

Construction		Type		Colour		Additional	
UTP	UTP (U/UTP)	KJ	Keystone Jack	SLV	Silver	OD	Outdoor
STP	STP	IC	Inline Coupler	BLK	Black		
		TJ	Tool-Free KSJ	GRY	Grey		
		PT	Pass Through	WB	White/Black		
		WJ	Waterproof Coupler				
		36	360 Degree				
		LJ	Locked				
		SJ	Shuttered				
		SL	Shuttered & Locked				
		TL	TF & Locked				
		TS	TF & Shuttered				
▲		▲		▲		▲	
STP	C8	TJ	180	SLV	-P		
	▼		▼		▼		
Cat 5E	C5E	180 Degree	180	Extra Range	-E		
Cat 6	C6	90 Degree	90	Platinum	-P		
Cat 6A	C6A						
Cat 7	C7						
Cat 8	C8						
Category		Jack Style		Additional			

*Leave column blank if indoor.

Example Part Number	
Description	Part Number
STP Cat 8 Keystone Jack Silver Tool-Free 180° – Platinum	STPC8TJ180SLV-P

To Order

To place an order, use the contact details below.