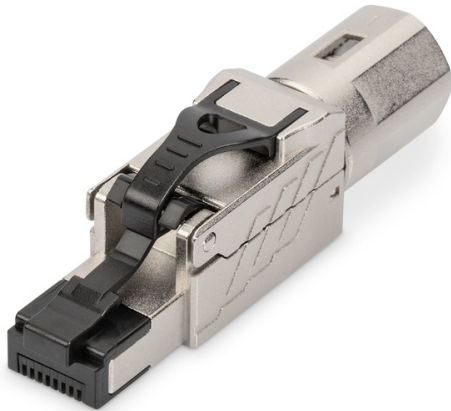


Copper Structured Cabling

Copper Field Plugs – Tool-Free STP Cat 8 – Model 05



Technical Specifications

Installation	Tool-free cable installation via IDC strips
Connection	Tool-free mounting connection
Coverage	360° Shield coverage
Housing Material	Zinc die-cast, nickel-plated
Mating Cycles Female	> 750
IDC Wire Size	AWG (26/7 – 22/1), solid and stranded conductor
Standards	ISO/IEC 11801 3rd Edition, EN 50173-1
Connectors	RJ45 female, 8P8C
Fixing	Cable fixation by screw-able strain relief
Contact Material	Phosphor bronze
Coating of the Contacts	Nickel, gold-plated 50 um
Insertion Force	30N max (IEC 60603-7-5)
Retention Strength	7.7 kg between jack and plug
IDC Wire Size	AWG (26/7 – 22/1), solid and stranded conductor
Dielectric Strength	1000 VDC (Contact/Contact), 1500 VDC (Contact/Ground)
Operation Temperature	-20° C to +70 °C -20°C bis zu +70°C (ISO/IEC 11801, ANSI/TIA 568 C.2)
Measurements (HxBxT)	19.5 x 15.0 x 58.3 mm
Weight	38 g
Colour	Silver

Continued on page 2

Product Description

Briticom® shielded Cat 8.1 field connector with tool-free mounting connection, offers future-oriented standards and high-end quality for your network. Suitable for patch cable mounting with solid and stranded conductor cables. It conforms to category 8.1/25/40GBase-T ISO/IEC 11801, IEC 60603-7-81. The robust metal housing ensures durable, stable connections. The quick assembly without special tools makes this field connector the optimal choice for installation, repair and maintenance.

Features & Benefits

- The Cat 8.1 plug for field assembly achieves transmission speeds of 25GBase-T or 40GBase-T - 2000MHz - in permanent link up to 24m and in channel link up to 30m
- With the tool-free bracket connection for solid and stranded conductors with AWG 26/7 to 22/1 in accordance with ANSI/TIA-568-C.2:2009 & ANSI/TIA-568.0-D:2017, robust Ethernet patch cables can be assembled for field applications
- Field termination RJ45 plugs are suitable, for example, for temporary fitting on installation cables for repair or maintenance, or as a long-term connection between two installation cables
- The ISO/IEC 11801 & IEC 60603-7-81 compliant category 8 network plug is suitable for ToR and MoR cabling in data centres, and is downwardly compatible with Cat 6A, Cat 6 and Cat 5E
- The cable grip and screw cap cable fixation as well as the metal housing made of nickel-plated die-cast zinc ensure 360° shielding of the Cat 8.1 plug
- Compatible with keystone module DN-93815 and installation cable DK-184X-VH

Applications

- ToR and MoR cabling in data centres
- Suitable for patch cord assembly
- PoE/PoE+/4PPoE (IEEE 802.3af, 3at, 3bt)

To Order

Ordering information on page 2.



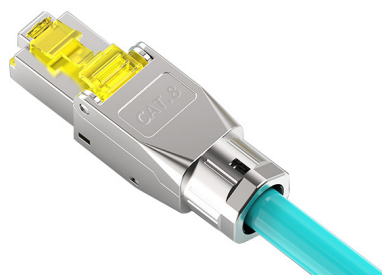


Copper Structured Cabling

Copper Field Plugs – Tool-Free STP Cat 8 – Model 05

Technical Specifications (continued)

Connection Type	Insulation displacement
Screened	Yes
Suitable for Round Cable	Yes
Suitable for Litz Wire Conductor	Yes
Suitable for Solid Core	Yes
AWG Range	26 ... 22



Copper Field Plugs Ordering Information

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

Construction		Modular*		Product	
STP	STP	M	Modular	PLUG	Plug
▲		▲		▲	
STP	C8		TF	PLUG	05
	▼		▼		▼
Cat 8	C8	Tool-Free	TF	Model 05	05
Category		Special Features*			

*Leave column blank if **Special Features** not required.

Example Part Number	
Description	Part Number
Cat 8 Field Termination Plug – Tool-Free – Shielded	STPC8TFPLUG05

To Order

To place an order, use the contact details below.