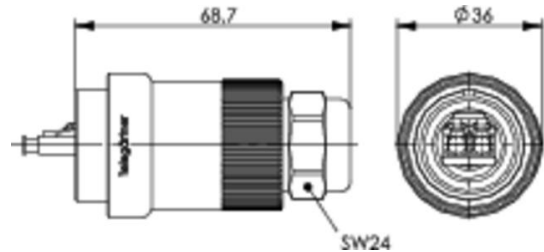


order number: J68070A0000

TOC plug set IP68, LC Duplex Multimode, nickelplated brass



Technical Attributes	
Description	TOC plug set IP68
Description	LC Duplex Multimode
Remarks	brass, nickel-plated

Product description

The TOC series with LC Duplex plugs captivates due to its flexibility and ease of installation. Customers can choose whether they work with pre-terminated cables feed into TOC plug housing from the backside or they terminate the LC plugs themselves on site. The enclosed LC holding frame with elongated release latch accepts the LC plugs firmly and offers an additional tool free strain relief. By means of the elongated release latch the LC plugs can be mated & unmated into SFP+ transceivers or LC Duplex adaptors effortlessly even in confined installation environments. In addition, the several installation positions of SFP+ transceivers no longer form a problem as the holding frame incorporating the LC plugs easily adjusts to them. For line extensions, the TOC Coupler IP68 LC Duplex is your first choice. It can be easily integrated with no negative effects on performance of the connection.

Performance Characteristics

- plug & adaptor acc. to IEC 61754-20 (circonia ceramics)
- Singlemode/Multimode (PC) & Singlemode (APC) types
- Insertion Loss: plug Multimode max. 0.4 dB, Singlemode APC max. 0.5 dB
- Return Loss: plug: Multimode min. 30 dB, Singlemode APC min. 60 dB
- temperature range: -40° to +85°C
- protection class IP68 acc. to IEC 60529
- protection cap with protection class IP68
- single cable diameter: 2.0 mm
- cable outer diameter: 4 - 9.5 mm

- LC holding frame with elongated release latch and strain relief

Mechanical Characteristics	
Durability (mating cycles)	≥ 100
Material: cap nut, sleeve	brass, 5 µm Ni plated
Material: O-ring	silicone red
Material: sealing insert	silicone transparent
Material: protection cap IP68	brass, 5 µm Ni plated
Material: body	PBT UL94 V0 black
Material: crimp sleeve	Copper nickel-plated
Material: ferrule	Multimode: zirconia 127 µm -0/+4 µm; Singelmode/APC: zirconia 125.5 µm -0/+1 µm
Material: dust cap	plastic
buffered optical fiber diameter	0.9 mm
Subcable diameter	1.8 - 2.0 mm
Overall cable diameter	4.0 - 9.5 mm

Standards	
Generic cabling systems	ISO/IEC 11801, EN 50173-1
Connectors	
Degrees of protection provided by enclosures (IP code)	IEC 60529
Fiber optic interconnecting devices and passive components- Basic test and measurement procedures	IEC61300-2-x; IEC61300-3-x