

order number: J00026A0165

RJ45 plug MP8(8) FS Cat.6<sub>A</sub>

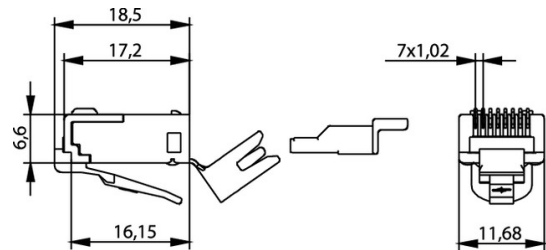


Fig. may differ



Technical Attributes	
Short name	RJ45 plug MP8(8) FS Cat.6 <sub>A</sub>
Remarks	8-way fully shielded with wire presorting; AWG 24-27 (stranded and solid); please order cable boot separately

### Performance Characteristics

- pre-assembled protection cap
- robust zinc diecast housing
- 360° shielding
- full metal shielding between pairs of wires
- three strain relief settings (cable diameters 5.0 mm to 9.0 mm)
- can be assembled in 60 seconds without any special tools
- optimised for the field, including demanding applications
- secure transmission even with outside interference
- four-chamber wire manager (available with colour code T568A or T568B and PROFINET)
- suitable for cabling in office buildings, data centers, industrial facilities and home networks
- supreme reliability
- ideal for network repairs, special lengths and extensions
- piercing contacts suitable for solid and stranded conductors

Mechanical Characteristics	

Core Diameter	0,8 - 1,1 mm
Durability (Steckungen)	≥ 750
Mating Requirements Cu-Conductor diameter: solid	0.36 - 0.51 mm (AWG27/1 - 24/1)
Mating Requirements Cu-Conductor diameter: stranded	0.46 - 0.61 mm (AWG27/7 - 24/7)
Reusable contacts	≤4 cycles
Cu-Conductor diameter: solid	0.51 - 0.64 mm (AWG24/1-22/1)
Mating Requirements Cu-Conductor diameter: stranded	0.61 - 0.78 mm (AWG24-22/19)
Insertion force	≤ 30 N
Cu-Conductor diameter: stranded	0.46 - 0.61 mm (AWG27/7 - 24/7)
Overall cable diameter	5,5 - 7,3 mm
Crimp tool	N00001A0002
Material: contacts	Phosphorbronze
Material: PCB	FR4 UL 94 V0
Material: piercing contacts	phosphor bronze tinned
Material: shield contact	brass, nickel-plated
Material: wire pair presorting	PC UL94 V0 white
Material: uplock hook	PBT UL94 V0
Material: cable clamp	PBT UL94 V0
Material: protection cap	PBT UL94 V0
Material: contacts	phosphor bronze
Material: connector housing	PC UL94 V0
Material: insertion	PC UL94 V0
Material: shielding housing	0.5 mm brass, 2 µm Ni

Climatic Characteristics	
UL	E244889
Temperature range [°C]	-40/ 70

Electrical Characteristics	
PoE+ acc to IEEE 802.3at	Adequate for Power over Ethernet+
Current carrying capacity at 50°C	1 A

Standards	
Connectors	IEC 60603-7-51

10 Gigabit Ethernet acc. to IEEE 802.3an	Adequate for 10 Gigabit Ethernet