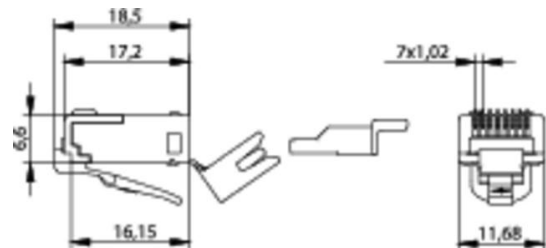


order number: J00026A0165

RJ45 plug MP8(8) FS Cat.6_A



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

Performance Characteristics

- RJ45 connectors with 360° shielding
- RJ45 connectors for solid and stranded wire
- Boots: grey, red, blue, yellow, green, black
- RJ45 crimp tool with durability ≥ 10.000 crimp cycles
- preassembled 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)
- suitable for cabling in office buildings, data centers, industrial facilities and home networks
- supreme reliability
- ideal for network repairs, special length and extensions
- piercing contacts suitable for conductor cross-sections AWG27/7 - 22/7; AWG24/1 - 22/1

Mechanical Characteristics	
Insertion force	≤ 30N
Durability (mating cycles)	≥ 750
Material: contacts	Phosphor Bronze phosphor bronze
Material: contact finish	Ni2.54Au0.8
Material: connector housing	PC UL94 V0
Material: insertion	PC UL94 V0
Material: shielding housing	0.5 mm brass, 2 µm Ni
Material: cable boot	PVC UL94 V0 (Ø 6.3 mm / Ø 7.0 mm); PA6 UL94 V0 (Ø 6.0 mm)
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)
Core Diameter	0.85 - 1.05 mm
Overall cable diameter	5.5 - 7.3 mm
Crimp tool	N00001A0002
Reusable IDC	≤4 cycles
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: dust cap	PBT UL94 V0

Climatic Characteristics	
Temperature range	-40°C ... 70°C
UL	E244889

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

Standards	
Connectors	IEC 60603-7-51

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