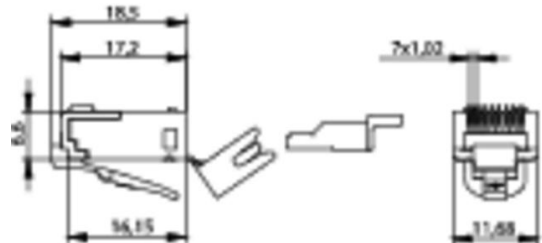


order number: J00026A0165

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

Mechanical Characteristics	
Insertion force	≤ 30N
Durability (mating cycles)	≥ 750
Material: contacts	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	0.46 - 0.61 mm (AWG27/7 - 24/7)

diameter: stranded	
Core Diameter	0.85 - 1.05 mm
Overall cable diameter	5.5 - 7.3 mm
Crimp tool	N00001A0002

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

Electrical Characteristics	
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