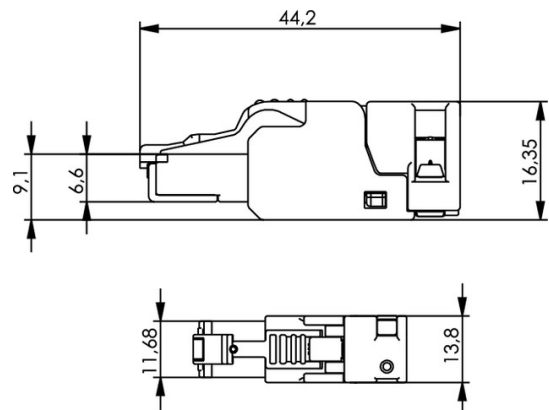


order number: J00026A3003

unshielded field assembly RJ45 plug UFP8 T568 B Cat.6_A,
AWG23/1-AWG22/1; AWG23/7-AWG22/7



Fig. may differ



Technical Attributes	
Short name	UFP8 T568B Cat.6 _A
Remarks	AWG 23/1-22/1, AWG 23/7-22/7, with pre-assembled protection cap

Performance Characteristics

- pre-assembled protection cap
- robust plastic housing
- full metal shielding between pairs of wires
- can be assembled in 60 seconds without any special tools
- optimised for the field, including demanding applications
- 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

Mechanical Characteristics	
	1,1 - 1,6 mm

Core Diameter	
Durability (Matings)	≥ 750
Mating Requirements Cu-Conductor diameter: solid	0.57 - 0.64 mm (AWG23/1-22/1)
Mating Requirements Cu-Conductor diameter: stranded	0.61 - 0.78 mm (AWG24-22/19)
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	≤ 20 N
Reusable contacts	≤ 10 cycles
Cu-Conductor diameter: stranded	0.61 - 0.78 mm (AWG24-22/19)
Overall cable diameter	5,5 - 8,5 mm
Material: contacts	Federstahl
Material: piercing contacts	phosphor bronze tinned
Material: uplock hook	PBT UL94 V0
Material: shield contact	brass, nickel-plated
Material: shielding housing	zinc diecast, nickel-plated
Material: connector housing	PC UL94 V0
Material: PCB	FR4 UL 94 V0
Material: contacts	phosphor bronze tinned
Material: wire pair presorting	PC UL94 V0 grey
	PBT UL94 V0
Material: cable clamp	PC UL94 V0
Material: protection cap	PBT UL94 V0

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 60603-7-41

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