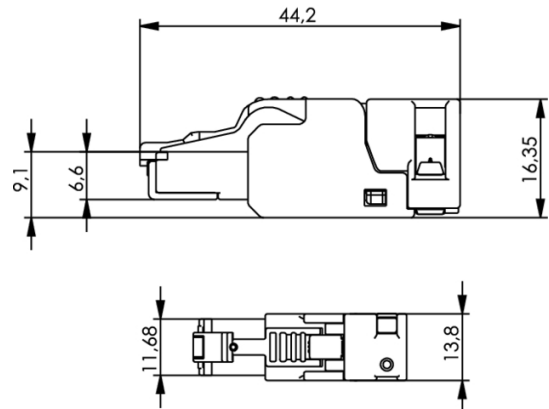


order number: J00026A3001

unshielded field assembly RJ45 plug UFP8 T568B Cat.6<sub>A</sub>,  
AWG24/1-AWG23/1; AWG27/7-AWG23/7



Technical Attributes	
Short name	UFP8 T568B Cat.6 <sub>A</sub>
Remarks	AWG 24/1-23/1, AWG 27/7-23/7, with pre-assembled protection cap

### Performance Characteristics

- four-chamber wire manager (available with colour code T568A or T568B)
- 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	
Insertion force	≤ 20 N
Durability (mating cycles)	≥ 750

Reusable contacts	≤4 cycles
Material: contacts	spring steel
Material: contact finish	Ni1,2Au0,8
Material: connector housing	PC UL94 V0
Material: PCB	FR4 UL 94 V0
Material: piercing contacts	phosphor bronze tinned
Material: wire pair presorting	PC UL94 V0 grey
Material: uplock hook	PBT UL94 V0
Material: cable clamp	PC UL94 V0
Material: protection cap	PBT UL94 V0
Mating Requirements Cu-Conductor diameter: solid	0.51 - 0.57 mm (AWG24/1-23/1)
Mating Requirements Cu-Conductor diameter: stranded	0.46 - 0.65 mm (AWG27/7-23/7)
Mating Requirements Cu-Conductor diameter: stranded*	0.51 mm (AWG26/19)
Core Diameter	0.85 - 1.1 mm
Overall cable diameter	5.5 - 8.5 mm

Climatic Characteristics	
Temperature range [°C]	-40°C to +70°C

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

Standards	
Connectors	IEC 60603-7-41

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