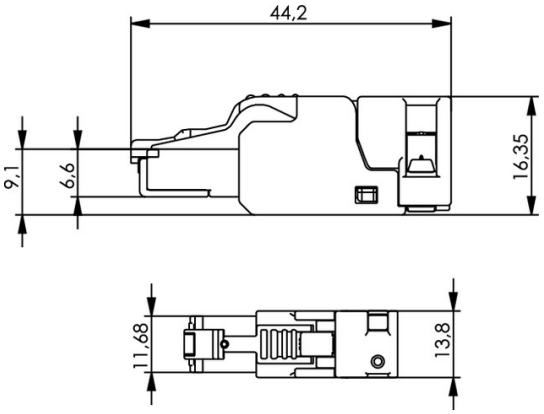
Telegärtner
KARL GÄRTNER GMBH

order number: J00026A3001

unshielded field assembly RJ45 plug UFP8 T568B Cat.6_A, AWG24/1-AWG23/1; AWG27/7-AWG23/7

Fig. may differ



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

Performance Characteristics

- 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
- suitable for cabling in office buildings, data centers, industrial facilities and home networks
- supreme reliability
- ideal for network repairs, special lengths and extensions
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Mechanical Characteristics	
	0,8 - 1,1 mm

Lerchenstr. 35, D-71144 Steinenbronn, Tel. +49 (0) 7157 125 100, Fax +49 (0) 7157 125 120, E-Mail: info@telegaertner.com

Core Diameter	
Durability (Matings)	≥ 750
Mating Requirements Cu-Conductor diameter: solid	0.51 - 0.57 mm (AWG24/1-23/1)
Mating Requirements Cu-Conductor diameter: stranded	0.51 mm (AWG26/19)
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	0.51 mm (AWG26/19)
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	

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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

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