

BEST CONTACTS FOR YOUR SUCCESS



Telegärtner

KARL GÄRTNER GMBH

NETWORKING COMPONENTS

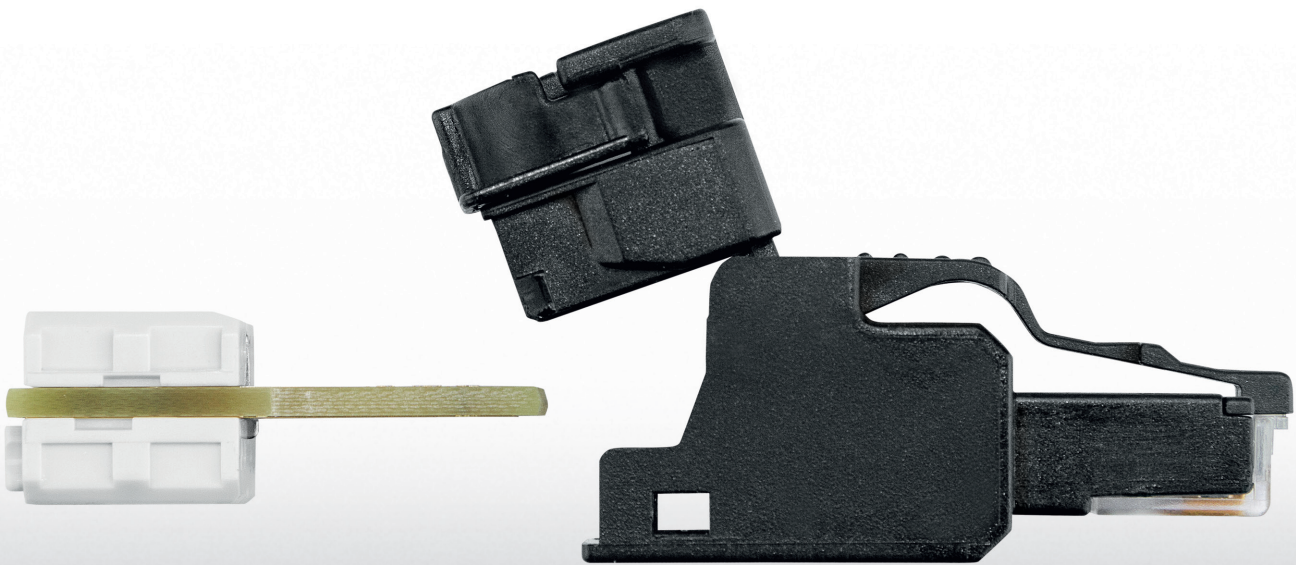
COAXIAL CONNECTORS

CABLE ASSEMBLIES

PRECISION TURNED PARTS

PLASTIC INJECTION MOULD PARTS

INDUSTRIAL ELECTRONICS



PoE+

500
MHz

10 GBE

Cat.6A

REAL-TIME
RE-EMBEDDED

Data Voice

UFP8 Cat.6A

Unshielded field assembly RJ45 plug

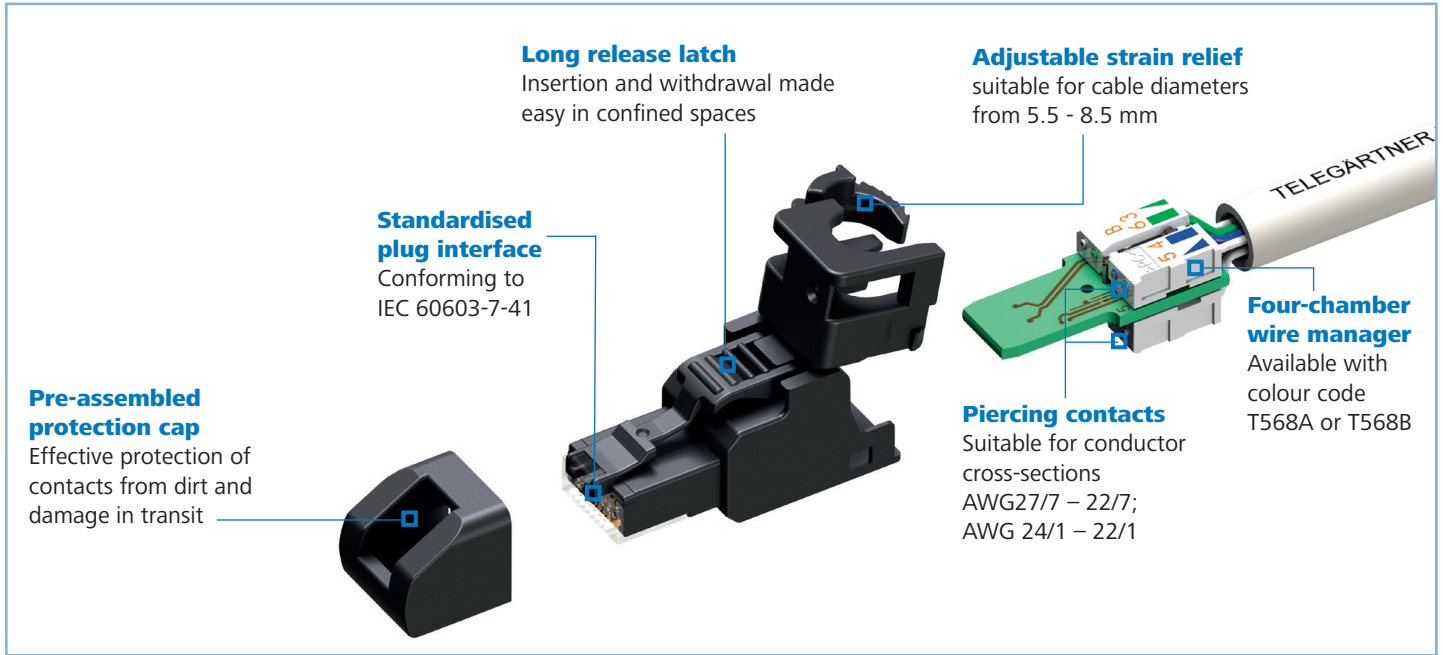
UFP8 Cat.6_A - Unshielded field assembly RJ45 plug

Here's the situation: An existing network needs extending. A cable link needs to be repaired or replaced. A peripheral device needs to be connected quickly. Your customer expects a fast and reliable solution but you don't have a cable assembly ready at hand. Sound familiar?

Now you can keep your cool when faced with such demands – with the new, field assembly UFP8 Cat.6_A plug developed by Telegärtner.

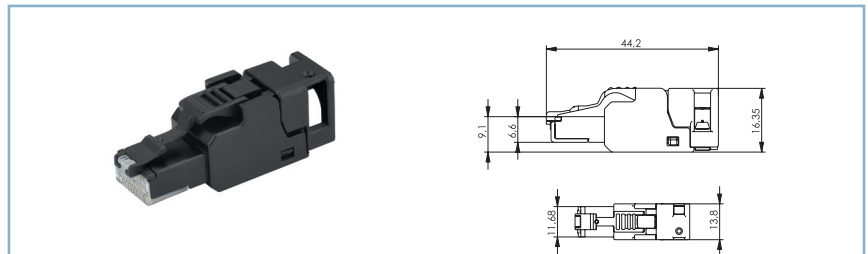
The UFP8 Cat.6_A is the RJ45 plug for time-saving and efficient on-site assembly for all networks, from Voice right through to 10 Gigabit Ethernet. It can be assembled on all standard types of cable in just 60 seconds – and no special tools are required.

Whether in the office, in data centers or in home networks – the UFP8 Cat.6_A offers unprecedented flexibility and saves time and money on installation, repairs and maintenance.



Performance Characteristics

- Category 6_A: ISO/IEC 11801:2010; Category 6A: ANSI/TIA/EIA-568-C.2
- plug: IEC 60603-7-41
- life: ≥ 750 mating cycles
- contact finish material: Ni1.2Au0.8
- housing material: PC UL94-V0 black
- Cu conductor diameter (J00026A3000, -1, -3110, -3111): solid 0.51 – 0.57 mm (AWG 24/1 – 23/1) or stranded 0.46 – 0.65 mm (AWG 27/7 – 23/7) core diameter: 0.85 – 1.1 mm
- Cu conductor diameter (J00026A3002, -3, -3112, -3113): solid 0.57 – 0.64 mm (AWG 23/1 – 22/1) or stranded 0.65 – 0.76 mm (AWG 23/7 – 22/7) core diameter: 1.1 – 1.6 mm
- outer diameter of cable: 5.5 – 8.5 mm
- reusable piercing contacts: ≤ 4 cycles
- temperature range: -40°C to 70°C
- High Power over Ethernet plus (PoE+) in accordance with IEEE 802.3at



Order no.	Description	Remarks	Type
J00026A3000	UFP8 T568A Cat.6 _A	AWG 24/1-23/1, AWG 27/7-23/7	1*
J00026A3001	UFP8 T568B Cat.6 _A	AWG 24/1-23/1, AWG 27/7-23/7	1*
J00026A3002	UFP8 T568A Cat.6 _A	AWG 23/1-22/1, AWG 23/7-22/7	1*
J00026A3003	UFP8 T568B Cat.6 _A	AWG 23/1-22/1, AWG 23/7-22/7	1*
J00026A3110	UFP8 T568A Cat.6 _A	AWG 24/1-23/1, AWG 27/7-23/7	10*
J00026A3111	UFP8 T568B Cat.6 _A	AWG 24/1-23/1, AWG 27/7-23/7	10*
J00026A3112	UFP8 T568A Cat.6 _A	AWG 23/1-22/1, AWG 23/7-22/7	10*
J00026A3113	UFP8 T568B Cat.6 _A	AWG 23/1-22/1, AWG 23/7-22/7	10*
Spare Part			
F00020A3130	UFP8 wire manager T568A	AWG 24/1-23/1, AWG 27/7-23/7	30*
F00020A3131	UFP8 wire manager T568B	AWG 24/1-23/1, AWG 27/7-23/7	30*
F00020A3132	UFP8 wire manager T568A	AWG 23/1-22/1, AWG 23/7-22/7	30*
F00020A3133	UFP8 wire manager T568B	AWG 23/1-22/1, AWG 23/7-22/7	30*

1* = 1 pc. in PE-bag, 10 bags in carton
10* = blister package (10 pcs.)
30* = blister package (30 pcs.)

Assembly steps

