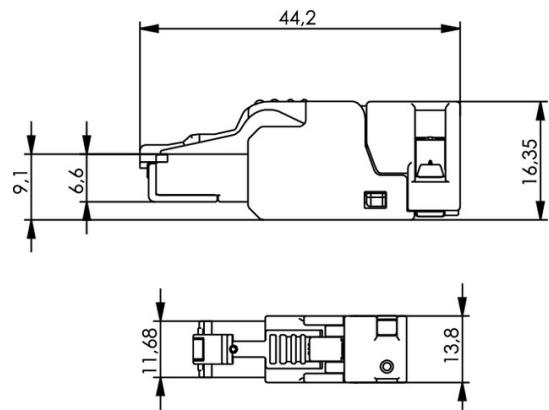


order number: J00026A3001

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
- robust plastic housing
- ideal for network repairs, special lengths and extensions

| Mechanical Characteristics | |
|----------------------------|--------------|
| | 0,8 - 1,1 mm |

| | |
|---|-------------------------------|
| 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 | |
|----------------------------|--|
| | |

| | |
|-----------------------------------|-----------------------------------|
| 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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