



## SPECIFICATIONS

### General

- Wire Connection: Stranded wire AWG 27/7 to 22/7, wire diameter from 0.46 to 0.76 mm.
- Wire Connection: Solid wire AWG 26/1 to 22/1, wire diameter from 0.4 to 0.76 mm.
- Transmission Characteristics: CAT6A per ISO/IEC 11801 Ed.2.2:2011-06
- Compliance with class Ea to ISO/EIC 11801 Ed.2.2:2011-06, DIN EN 50173-1:2011-09 10 GB
- Cable Jacket Diameter from 6 to 9,5 mm
- Adjustable Strain Relief (6mm to 9.5mm Cable OD)
- IEEE 802.3an (10GBASE-T 10 Gbit/s (1,250 MB/s) Ethernet over unshielded twisted pair (UTP)

### Environmental

- Operation temperature: -40 °C to 60 °C
- Operation Relative humidity: 85% (30 °C)

### Material

- Gold Plated Phosphor Bronze Blade
- Phosphor bronze and gold plating (3-50 inch)
- Mating durability not less than 750 cycles
- Product made from Kirsite/PC or PCB (UL94V-0)
- Retention strength: 7.7 kg between jack and plug

### Electrical

- Intermediate resistance: no more than 20 milli-ohm in normal atmosphere
- Insulated resistance: no less than 1000 mega-ohm in normal atmosphere
- Intensity of anti-currency: 1000 VDC (700 VAC)
- Suitable for Power over Ethernet (PoE, PoE+, and Cisco proprietary UPoE)

