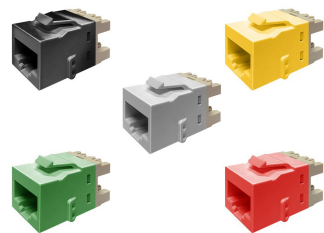


UKJ600

Base Product



KJ-Series Modular Jack, RJ45, Cat6 Unshielded

Product Classification

| | |
|-----------------------|---------------|
| Regional Availability | North America |
| Portfolio | Uniprise® |
| Product Type | Modular jack |
| Product Series | UKJ Series |

General Specifications

| | |
|----------------------------|---|
| ANSI/TIA Category | 6 |
| Cable Type | Unshielded |
| Conductor Type | Solid Stranded |
| Integrated Dust Cover Type | None |
| Mounting | Keystone faceplates and panels |
| Outlet Type | Keystone |
| Termination Tool | 110 Punchdown tool JTT Termination tool |
| Termination Type | IDC |
| Transmission Standards | ANSI/TIA-568.2-D ISO/IEC 11801 Class D |
| Wiring | T568A T568B |

Dimensions

| | |
|--|---------------------|
| Height | 16.13 mm 0.635 in |
| Width | 16.48 mm 0.649 in |
| Depth | 30.48 mm 1.2 in |
| Compatible Cable Diameter, maximum | 5.8 mm 0.228 in |
| Compatible Insulated Conductor Diameter, maximum | 1.45 mm 0.057 in |
| Contact Plating Thickness | 1.27 µm |
| Compatible Conductor Gauge, solid | 22–24 AWG |

UKJ600

| | |
|---|--|
| Compatible Conductor Gauge, stranded | 24–26 AWG |
| Electrical Specifications | |
| Contact Resistance Variation, maximum | 20 mOhm |
| Contact Resistance, maximum | 100 mOhm |
| Current Rating at Temperature | 1.5 A @ 20 °C 1.5 A @ 68 °F |
| Dielectric Withstand Voltage, RMS, conductive surface | 1,500 Vac @ 60 Hz |
| Dielectric Withstand Voltage, RMS, contact-to-contact | 1,000 Vac @ 60 Hz |
| Insulation Resistance, minimum | 500 MOhm |
| Remote Powering | Fully supports the safe delivery of power over LAN cabling described by IEEE 802.3bt (Type 4) and complies with the unmating under electrical load requirements prescribed by IEC 60512-99-002 |
| PoE Durability | Supports IEEE 802.3bt Type 4 (90 W) applications greater than 3000 plug to jack mating cycles |
| Safety Voltage Rating | 150 Vac |
| Material Specifications | |
| Contact Base Material | Beryllium copper |
| Contact Plating Material | Gold |
| IDC Termination Material | Phosphor Bronze |
| Material Type | PC+ABS |
| Termination Contact Plating | Tin |
| Mechanical Specifications | |
| Plug Retention Force, minimum | 50 N 11.24 lbf |
| Plug to Jack Mating Cycles | Complies to IEC 60603-7 series |
| Environmental Specifications | |
| Operating Temperature | -10 °C to +60 °C (+14 °F to +140 °F) |
| Storage Temperature | -40 °C to +70 °C (-40 °F to +158 °F) |
| Relative Humidity | Up to 95%, non-condensing |
| Flammability Rating | UL 94 V-0 |
| Safety Standard | cULus |