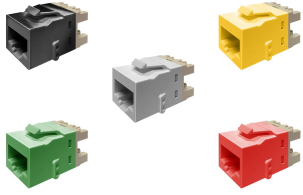


Base Product



KJ-Series Modular Jack, RJ45, Cat6A Unshielded

Product Classification

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

General Specifications

| | |
|-------------------------------|---|
| ANSI/TIA Category | 6A |
| Cable Type | Unshielded |
| Conductor Type | Solid Stranded |
| Mounting | Keystone faceplates and panels |
| Outlet Type | Standard |
| Termination Tool | SL Termination tool |
| Termination Type | IDC |
| Transmission Standards | ANSI/TIA-568.2-D ISO/IEC 11801 Class EA |
| Wiring | T568A T568B |

Dimensions

| | |
|---|-----------------------------------|
| Panel Cutout, recommended | 14.78 x 19.30 mm (0.58 x 0.76 in) |
| Panel Thickness, recommended | 1.6 mm 0.063 in |
| 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 | 7.24 mm 0.285 in |
| Compatible Insulated Conductor Diameter, maximum | 1.45 mm 0.057 in |
| Contact Plating Thickness | 1.27 µm |
| Compatible Conductor Gauge, solid | 24–22 AWG |

UKJ10G

Compatible Conductor Gauge, stranded

26–24 AWG

Electrical Specifications

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 after 3000 plug to jack mating cycles

Material Specifications

Contact Base Material

Beryllium copper

Contact Plating Material

Gold

Material Type

Copper alloy | High-impact, flame retardant, thermoplastic | Polycarbonate

Mechanical Specifications

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)

Flammability Rating

UL 94 V-0