



KJ-Series Modular Jack, RJ45, Cat6A Unshielded, Violet

- Color is more prominently visible across the body of the jack
- Allows for all jack variants to be terminated with the SL termination tool
- Lacing fixture of the SL termination tool is used to establish the cable termination

OBSOLETE

This product was discontinued on: November 30, 2024

Replaced By:

760257294
UKJ10G-VI

KJ-Series Modular Jack, RJ45, Cat6A Unshielded, Violet

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 |
| Color | Violet |
| Conductor Type | Solid Stranded |
| Integrated Dust Cover Type | None |
| 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 | 22 AWG 24 AWG |
| Compatible Conductor Gauge, stranded | 24 AWG 26 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 greater than 3000 plug to jack mating cycles |

Material Specifications

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

Packaging and Weights

| | |
|--------------------|-----|
| Packaging quantity | 1 |
| Packaging Type | Bag |

Regulatory Compliance/Certifications

Agency

CHINA-ROHS
ISO 9001:2015
REACH-SVHC
ROHS
UK-ROHS

Classification

Below maximum concentration value
Designed, manufactured and/or distributed under this quality management system
Compliant as per SVHC revision on www.commscope.com/ProductCompliance
Compliant
Compliant

