



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

- 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

Product Classification

| | |
|------------------------------|---|
| Regional Availability | Asia Australia/New Zealand EMEA Latin America |
| Portfolio | NETCONNECT® |
| Product Type | Modular jack |
| Product Series | KJ Series |

General Specifications

| | |
|-----------------------------------|---|
| ANSI/TIA Category | 6A |
| Cable Type | Unshielded |
| Color | Green |
| 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 |

760241214 | KJ10G-GN

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

Packaging and Weights

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

Regulatory Compliance/Certifications

| Agency | Classification |
|---------------|---|
| CHINA-ROHS | Below maximum concentration value |
| ISO 9001:2015 | Designed, manufactured and/or distributed under this quality management system |
| REACH-SVHC | Compliant as per SVHC revision on www.commscope.com/ProductCompliance |
| ROHS | Compliant |
| UK-ROHS | Compliant |

