



SL-Series Modular Jack, RJ45, Cat6 Unshielded, Green, CN

Product Classification

| | |
|------------------------------|--------------|
| Regional Availability | China |
| Portfolio | NETCONNECT® |
| Product Type | Modular jack |
| Product Series | SL Series |

General Specifications

| | |
|--|--|
| ANSI/TIA Category | 6 |
| Cable Type | Unshielded |
| Color | Green |
| Conductor Type | Solid Stranded |
| Integrated Dust Cover Type | None |
| Mounting | SL Series faceplates and panels |
| Outlet Feature | Inverted jack face |
| Outlet Type | Standard |
| Termination Punchdowns, minimum | 200 times |
| Termination Tool | SL Termination tool |
| Termination Type | IDC |
| Transmission Standards | ANSI/TIA-568.2-D ISO/IEC 11801 Class E |
| Wiring | T568A T568B |

Dimensions

| | |
|-------------------------------------|-----------------------------------|
| Panel Cutout, recommended | 14.78 x 20.07 mm (0.58 x 0.79 in) |
| Panel Thickness, recommended | 1.6 mm 0.063 in |
| Height | 16.13 mm 0.635 in |
| Width | 14.48 mm 0.57 in |
| Depth | 30.48 mm 1.2 in |

8-1375055-9 | SL110-6-CN-GN

| | |
|---|--------------------|
| 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 | 24–22 AWG |
| Compatible Conductor Gauge, stranded | 26–24 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 after 3000 plug to jack mating cycles |
| Safety Voltage Rating | 150 Vac |

Material Specifications

| | |
|------------------------------------|------------------|
| Contact Base Material | Beryllium copper |
| Contact Plating Material | Gold |
| Material Type | Polycarbonate |
| 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) |
| Flammability Rating | UL 94 V-0 |
| Safety Standard | UL cUL |

8-1375055-9 | SL110-6-CN-GN

Packaging and Weights

| | |
|---------------------------|-------------------|
| Included | Strain relief cap |
| Packaging quantity | 1 |
| Packaging Type | Bag |