



SL-Series Modular Jack, RJ45, Cat6 Unshielded, Ivory

Product Classification

Regional Availability

Asia | Australia/New Zealand | EMEA | Latin America

Portfolio

NETCONNECT®

Product Type

Modular jack

Product Series

SL Series

General Specifications

ANSI/TIA Category

6

Cable Type

Unshielded

Color

Ivory

Conductor Type

Solid | Stranded

Integrated Dust Cover Type

None

Mounting

SL Series faceplates and panels

Mounting Note

Color matches with SL-style Ivory Faceplates and Surface Mount Boxes

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

1-1375055-1 | SL110-6-IV

| | |
|---|--------------------|
| Width | 14.48 mm 0.57 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 μ m |
| 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) |
|------------------------------|--------------------------------------|

1-1375055-1 | SL110-6-IV

Flammability Rating

UL 94 V-0

Safety Standard

UL | cUL

Packaging and Weights

Included

Strain relief cap

Packaging quantity

1

Packaging Type

Bag

Regulatory Compliance/Certifications

Agency

Classification

CHINA-ROHS

Below maximum concentration value

RCM

Compliant to electrical safety & telecommunications requirements

REACH-SVHC

Compliant as per SVHC revision on www.commscope.com/ProductCompliance

ROHS

Compliant

UK-ROHS

Compliant

