SL110 Series Modular Jack, RJ45, category 6, T568A/T568B, unshielded, without dust cover, alpine white

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
White

Conductor Type
Solid  |  Stranded

Mounting
SL Series faceplates and panels

Mounting Note
Color matches with SL-style Alpine White or Pro White Faceplates and Surface Mount Boxes

Outlet Feature
Inverted jack face

Outlet Type
Standard

Panel Cutout, recommended
14.78 x 20.07 mm (0.58 x 0.79 in)

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

Height
16.13 mm  |  0.635 in
### 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 µm

### Panel Thickness, recommended
1.6 mm | 0.063 in

### 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 un mating under electrical load requirements prescribed by IEC 60512-99-002

### 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 Insertion Life, minimum
750 times

### Plug Insertion Life, test plug
IEC 60603-7 compliant plug

### Plug Retention Force, minimum
50 N | 11.24 lbf

## Environmental Specifications

### Operating Temperature
-10 °C to +60 °C (+14 °F to +140 °F)
**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**
- CHINA-ROHS
- RCM
- REACH-SVHC
- ROHS

**Classification**
- Below maximum concentration value
- Compliant to electrical safety, EMC, EME & telecommunications requirements
- Compliant as per SVHC revision on www.commscope.com/ProductCompliance
- Compliant