Base Product

SL-Series Modular Jack, RJ45, Cat6 Shielded, with Dust Cover

Product Classification

Regional Availability
- Asia
- Australia/New Zealand
- EMEA
- Latin America

Portfolio
NETCONNECT®

Product Type
Modular jack

Product Series
SLX Series

General Specifications

ANSI/TIA Category
6

Cable Type
Shielded

Conductor Type
Solid | Stranded

Mounting
SL Series faceplates and panels

Outlet Type
Standard

Termination Tool
SL Termination tool

Termination Type
IDC

Transmission Standards
ANSI/TIA-568-C.2 | 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
14.44 mm | 0.569 in

Depth
36.8 mm | 1.449 in

Compatible Cable Diameter, maximum
8.5 mm | 0.335 in
**Compatible Insulated Conductor Diameter, maximum** | 1.6 mm | 0.063 in

**Contact Plating Thickness** | 1.27 µm

**Compatible Conductor Gauge, solid** | 26–22 AWG

**Compatible Conductor Gauge, stranded** | 26–24 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** | Polycarbonate | Zamak

**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)

**Flammability Rating** | UL 94 V-0

**Packaging and Weights**

**Packaging Type** | Bag | Box