



SL-Series Modular Jack, RJ45, Cat6 Shielded, Black

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

Color

Black

Conductor Type

Solid | Stranded

Integrated Dust Cover Type

None

Mounting

SL Series faceplates and panels

Mounting Note

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

Outlet Type

Standard

Termination Punchdowns, minimum

5 times

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

2153448-2 | SLX-6S-BK

| | |
|---|--------------------|
| 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 greater than 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 Material | Standard |
| Packaging quantity | 24 |
| Packaging Type | Bag Box |

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
UK-ROHS

Compliant
Compliant

