Base Product

SL-Series Modular Jack, RJ45, Cat5e Unshielded

Product Classification

Regional Availability

<table>
<thead>
<tr>
<th>Region</th>
<th>Asia</th>
<th>Australia/New Zealand</th>
<th>EMEA</th>
<th>Latin America</th>
<th>North America</th>
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</thead>
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Portfolio

CommScope®

Product Type

Modular jack

Product Series

SL Series

General Specifications

ANSI/TIA Category

5e

Cable Type

Unshielded

Conductor Type

Solid | Stranded

Mounting

SL Series faceplates and panels

Outlet Type

Standard

Termination Punchdowns, minimum

200 times

Termination Tool

SL Termination tool

Termination Type

IDC

Transmission Standards

ANSI/TIA-568-C.2 | ISO/IEC 11801 Class D

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

16.26 mm | 0.64 in

Width

14.48 mm | 0.57 in

Depth

30.48 mm | 1.2 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

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

Mechanical Specifications

Plug Retention Force, minimum: 89 N | 20.008 lbf
Plug to Jack Mating Cycles: Complies to IEC 60603-7 series

Environmental Specifications

Operating Temperature: -40 °C to +70 °C (-40 °F to +158 °F)
Flammability Rating: UL 94 V-0
Safety Standard: CSA | cUL