

# 4-1375055-BL | ECO SL110-6-BL-24



SL-Series Modular Jack, RJ45, Cat6 Unshielded, Blue (24 ea/pkg)

## 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

Blue

### Conductor Type

Solid | Stranded

### Integrated Dust Cover Type

None

### Mounting

SL Series faceplates and panels

### 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

### Width

14.48 mm | 0.57 in

### Depth

30.48 mm | 1.2 in

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<b>Compatible Cable Diameter, maximum</b>	5.8 mm   0.228 in
<b>Compatible Insulated Conductor Diameter, maximum</b>	1.45 mm   0.057 in
<b>Contact Plating Thickness</b>	1.27 $\mu$ m
<b>Compatible Conductor Gauge, solid</b>	24–22 AWG
<b>Compatible Conductor Gauge, stranded</b>	26–24 AWG

## Electrical Specifications

<b>Contact Resistance Variation, maximum</b>	20 mOhm
<b>Contact Resistance, maximum</b>	100 mOhm
<b>Current Rating at Temperature</b>	1.5 A @ 20 °C   1.5 A @ 68 °F
<b>Dielectric Withstand Voltage, RMS, conductive surface</b>	1,500 Vac @ 60 Hz
<b>Dielectric Withstand Voltage, RMS, contact-to-contact</b>	1,000 Vac @ 60 Hz
<b>Insulation Resistance, minimum</b>	500 mOhm
<b>Remote Powering</b>	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
<b>PoE Durability</b>	Supports IEEE 802.3bt Type 4 (90 W) applications greater than 3000 plug to jack mating cycles
<b>Safety Voltage Rating</b>	150 Vac

## Material Specifications

<b>Contact Base Material</b>	Beryllium copper
<b>Contact Plating Material</b>	Gold
<b>Material Type</b>	PC+ABS
<b>Termination Contact Plating</b>	Tin

## Mechanical Specifications

<b>Plug Retention Force, minimum</b>	50 N   11.24 lbf
<b>Plug to Jack Mating Cycles</b>	Complies to IEC 60603-7 series

## Environmental Specifications

<b>Operating Temperature</b>	-10 °C to +60 °C (+14 °F to +140 °F)
<b>Storage Temperature</b>	-40 °C to +70 °C (-40 °F to +158 °F)
<b>Flammability Rating</b>	UL 94 V-0

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## Safety Standard

UL | cUL

## Packaging and Weights

### Included

Strain relief cap

### Packaging Material

Eco-friendly, single-use plastics-free

### Packaging quantity

24

### Packaging Type

Box | Carton

## Regulatory Compliance/Certifications

### Agency

### Classification

CHINA-ROHS

Below maximum concentration value

REACH-SVHC

Compliant as per SVHC revision on [www.commscope.com/ProductCompliance](http://www.commscope.com/ProductCompliance)

ROHS

Compliant

UK-ROHS

Compliant

