



SX-Series Modular Jack, RJ45, Cat6 Unshielded, with Shutter, Blue

## Product Classification

<b>Regional Availability</b>	Asia   Australia/New Zealand
<b>Portfolio</b>	NETCONNECT®
<b>Product Type</b>	Modular jack
<b>Product Series</b>	SX Series

## General Specifications

<b>ANSI/TIA Category</b>	6
<b>Cable Type</b>	Unshielded
<b>Color</b>	Blue
<b>Conductor Type</b>	Solid   Stranded
<b>Integrated Dust Cover Type</b>	Hinged
<b>Outlet Type</b>	Standard
<b>Termination Tool</b>	110 Punchdown tool
<b>Termination Type</b>	IDC
<b>Transmission Standards</b>	ANSI/TIA-568-C.2   ISO/IEC 11801 Class E
<b>Wiring</b>	T568A   T568B

## Dimensions

<b>Panel Thickness, recommended</b>	1.6 mm   0.063 in
<b>Height</b>	20.3 mm   0.799 in
<b>Width</b>	26 mm   1.024 in
<b>Depth</b>	35.6 mm   1.402 in
<b>Compatible Insulated Conductor Diameter, maximum</b>	1.45 mm   0.057 in
<b>Contact Plating Thickness</b>	1.27 µm
<b>Compatible Conductor Gauge, solid</b>	24–22 AWG

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**Compatible Conductor Gauge, stranded**

26-24 AWG

## Electrical Specifications

**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

## Mechanical Specifications

**Plug to Jack Mating Cycles**

Complies to IEC 60603-7 series

## Environmental Specifications

**Flammability Rating**

UL 94 V-0

## Packaging and Weights

**Included**

Shutter | Strain relief cap

**Packaging quantity**

1

**Packaging Type**

Bag

## Regulatory Compliance/Certifications

**Agency**

**Classification**

CHINA-ROHS

Below maximum concentration value

REACH-SVHC

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

ROHS

Compliant

UK-ROHS

Compliant

