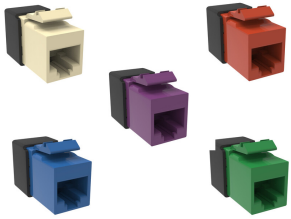


## Base Product



## SL-Series Modular Jack, RJ45, Cat6A Unshielded

### Product Classification

<b>Regional Availability</b>	Asia   Australia/New Zealand   EMEA   Latin America
<b>Portfolio</b>	NETCONNECT®
<b>Product Type</b>	Modular jack
<b>Product Series</b>	SL Series

### General Specifications

<b>ANSI/TIA Category</b>	6A
<b>Cable Type</b>	Unshielded
<b>Conductor Type</b>	Solid   Stranded
<b>Mounting</b>	SL Series faceplates and panels
<b>Outlet Type</b>	Standard
<b>Termination Tool</b>	SL Termination tool
<b>Termination Type</b>	IDC
<b>Transmission Standards</b>	ANSI/TIA-568.2-D   ISO/IEC 11801 Class EA
<b>Wiring</b>	T568A   T568B

### Dimensions

<b>Panel Cutout, recommended</b>	14.78 x 20.07 mm (0.58 x 0.79 in)
<b>Panel Thickness, recommended</b>	1.6 mm   0.063 in
<b>Height</b>	16.13 mm   0.635 in
<b>Width</b>	14.48 mm   0.57 in
<b>Depth</b>	30.48 mm   1.2 in
<b>Compatible Cable Diameter, maximum</b>	7.24 mm   0.285 in
<b>Compatible Insulated Conductor Diameter, maximum</b>	1.45 mm   0.057 in
<b>Contact Plating Thickness</b>	1.27 µm

# SL10G

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**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 greater than 3000 plug to jack mating cycles

## Material Specifications

**Contact Base Material** Beryllium copper

**Contact Plating Material** Gold

**Material Type** Copper alloy | High-impact, flame retardant, thermoplastic | Polycarbonate

## 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)

**Storage Temperature** -40 °C to +70 °C (-40 °F to +158 °F)

**Flammability Rating** UL 94 V-0