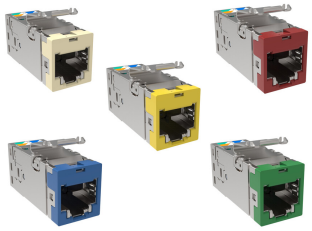
2153449

Base Product



SL-Series Modular Jack, RJ45, Cat6A Shielded

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	6A
Cable Type	Shielded
Conductor Type	Solid | Stranded
Mounting	SL Series faceplates and panels
Outlet Type	Standard
Termination Tool	SL Termination tool
Termination Type	IDC
Transmission Standards	ANSI/TIA-568-C.2 | ISO/IEC 11801 Class EA
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
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

©2024 CommScope, Inc. All rights reserved. CommScope and the CommScope logo are registered trademarks of CommScope and/or its affiliates in the U.S. and other countries. For additional trademark information see https://www.commscope.com/trademarks. All product names, trademarks and registered trademarks are property of their respective owners. Revised: March 6, 2024

2153449

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 after 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 Type	Bag | Box

©2024 CommScope, Inc. All rights reserved. CommScope and the CommScope logo are registered trademarks of CommScope and/or its affiliates in the U.S. and other countries. For additional trademark information see https://www.commscope.com/trademarks. All product names, trademarks and registered trademarks are property of their respective owners. Revised: March 6, 2024