USL10G-SHLD

Base Product
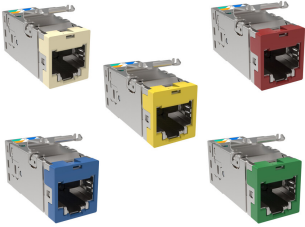
SL-Series Modular Jack, RJ45, Cat6A Shielded

Product Classification

Regional Availability	North America
Portfolio	Uniprise®
Product Type	Modular jack
Product Series	USL 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-568.2-D | 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	14.48 mm | 0.57 in
Depth	30.48 mm | 1.2 in
Compatible Cable Diameter, maximum	7.24 mm | 0.285 in
Compatible Insulated Conductor Diameter, maximum	1.45 mm | 0.057 in
Contact Plating Thickness	1.27 µm

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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 after 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

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

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