USL10G

Base Product



SL-Series Modular Jack, RJ45, Cat6A Unshielded

Product Classification		
Regional Availability	North America	
Portfolio	Uniprise®	
Product Type	Modular jack	
Product Series	USL Series	
General Specifications		
ANSI/TIA Category	6A	
Cable Type	Unshielded	
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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