



SL-Series Modular Jack, RJ45, Cat6 Unshielded, with Dust Cover, Yellow

Product Classification

Regional Availability	North America
Portfolio	Uniprise®
Product Type	Modular jack
Product Series	USL Series

General Specifications

ANSI/TIA Category	6
Cable Type	Unshielded
Color	Yellow
Conductor Type	Solid Stranded
Integrated Dust Cover Type	Hinged
Termination Type	IDC
Wiring	T568A T568B

Dimensions

Compatible Conductor Gauge, solid	22 AWG 24 AWG
Compatible Conductor Gauge, stranded	24 AWG 26 AWG

Electrical Specifications

Contact Resistance Variation, maximum	20 mOhm
Contact Resistance, maximum	100 mOhm
Current Rating at Temperature	1.5 A @ 20 °C 1.5 A @ 68 °F
Dielectric Withstand Voltage, RMS, conductive surface	1,500 Vac @ 60 Hz
Dielectric Withstand Voltage, RMS, contact-to-contact	1,000 Vac @ 60 Hz
Insulation Resistance, minimum	500 MOhm
Remote Powering	Fully supports the safe delivery of power over LAN cabling described by IEEE 802.3bt (Type 4) and complies with the

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		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 Plating Material		Precious metals
Material Type		High-impact, flame retardant, thermoplastic PC+ABS
Termination Contact Plating		Nickel
Mechanical Specifications		
Plug Insertion Life, test plug		IEC 60603-7 compliant plug
Plug Retention Force, minimum		133 N 29.9 lbf
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)
Relative Humidity		Up to 95%, non-condensing
Flammability Rating		UL 94 V-0
Safety Standard		UL cUL
Packaging and Weights		
Packaging quantity		1
Regulatory Compliance/Certifications		
Agency	Classification	
CHINA-ROHS	Below maximum concentration value	
ISO 9001:2015	Designed, manufactured and/or distributed under this quality management system	
REACH-SVHC	Compliant as per SVHC revision on www.commscope.com/ProductCompliance	
ROHS	Compliant	
UK-ROHS	Compliant	
		