760257213 | USL600-DC-VI

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

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	Violet
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

COMMSCOPE®

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 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

COMMSCOPE®