



## SL-Series Modular Jack, RJ45, Cat6 Unshielded, Violet

### Product Classification

|                              |               |
|------------------------------|---------------|
| <b>Regional Availability</b> | North America |
| <b>Portfolio</b>             | Uniprise®     |
| <b>Product Type</b>          | Modular jack  |
| <b>Product Series</b>        | USL Series    |

### General Specifications

|                                   |                  |
|-----------------------------------|------------------|
| <b>ANSI/TIA Category</b>          | 6                |
| <b>Cable Type</b>                 | Unshielded       |
| <b>Color</b>                      | Violet           |
| <b>Conductor Type</b>             | Solid   Stranded |
| <b>Integrated Dust Cover Type</b> | None             |
| <b>Termination Type</b>           | IDC              |
| <b>Wiring</b>                     | T568A   T568B    |

### Dimensions

|   |                 |
|---|-----------------|
| <b>Compatible Conductor Gauge, solid</b>    | 22 AWG   24 AWG |
| <b>Compatible Conductor Gauge, stranded</b> | 24 AWG   26 AWG |

### Electrical Specifications

|  |   |
|--|---|
| <b>Contact Resistance Variation, maximum</b>                 | 20 mOhm   |
| <b>Contact Resistance, maximum</b>                           | 100 mOhm  |
| <b>Current Rating at Temperature</b>                         | 1.5 A @ 20 °C   1.5 A @ 68 °F   |
| <b>Dielectric Withstand Voltage, RMS, conductive surface</b> | 1,500 Vac @ 60 Hz   |
| <b>Dielectric Withstand Voltage, RMS, contact-to-contact</b> | 1,000 Vac @ 60 Hz   |
| <b>Insulation Resistance, minimum</b>                        | 500 MOhm  |
| <b>Remote Powering</b>                                       | 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

Supports IEEE 802.3bt Type 4 (90 W) applications after 3000 plug to jack mating cycles

## PoE Durability

## 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](http://www.commscope.com/ProductCompliance)

ROHS

Compliant

UK-ROHS

Compliant

