



Uniprise USL Series Modular Jack, RJ45, category 6, T568A/T568B, unshielded, without dust cover, blue

## 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>                      | Blue             |
| <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             |

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|                                       |  |
|---------------------------------------|--|
| <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 |

## Material Specifications

|                                    |  |
|------------------------------------|--|
| <b>Contact Plating Material</b>    | Precious metals  |
| <b>Material Type</b>               | Copper alloy   High-impact, flame retardant, thermoplastic |
| <b>Termination Contact Plating</b> | Nickel   |

## Mechanical Specifications

|                                       |                            |
|---------------------------------------|----------------------------|
| <b>Plug Insertion Life, minimum</b>   | 750 times                  |
| <b>Plug Insertion Life, test plug</b> | IEC 60603-7 compliant plug |
| <b>Plug Retention Force, minimum</b>  | 133 N   29.9 lbf           |

## Environmental Specifications

|                              |                                      |
|------------------------------|--------------------------------------|
| <b>Operating Temperature</b> | -10 °C to +60 °C (+14 °F to +140 °F) |
| <b>Storage Temperature</b>   | -40 °C to +70 °C (-40 °F to +158 °F) |
| <b>Relative Humidity</b>     | Up to 95%, non-condensing            |
| <b>Flammability Rating</b>   | UL 94 V-0                            |
| <b>Safety Standard</b>       | UL   cUL                             |

## Packaging and Weights

|                           |   |
|---------------------------|---|
| <b>Packaging quantity</b> | 1 |
|---------------------------|---|

## Regulatory Compliance/Certifications

| <b>Agency</b> | <b>Classification</b>  |
|---------------|--|
| 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 <a href="http://www.commscope.com/ProductCompliance">www.commscope.com/ProductCompliance</a> |
| ROHS          | Compliant  |

