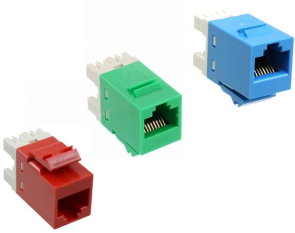


## Base Product



## SL-Series Modular Jack, RJ45, Cat6A Unshielded

### 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>      | 6A  |
| <b>Cable Type</b>             | Unshielded                                |
| <b>Conductor Type</b>         | Solid   Stranded                          |
| <b>Mounting</b>               | SL Series faceplates and panels           |
| <b>Outlet Type</b>            | Standard                                  |
| <b>Termination Tool</b>       | SL Termination tool                       |
| <b>Termination Type</b>       | IDC                                       |
| <b>Transmission Standards</b> | ANSI/TIA-568.2-D   ISO/IEC 11801 Class EA |
| <b>Wiring</b>                 | T568A   T568B                             |

### Dimensions

|   |                                   |
|---|-----------------------------------|
| <b>Panel Cutout, recommended</b>                        | 14.78 x 20.07 mm (0.58 x 0.79 in) |
| <b>Panel Thickness, recommended</b>                     | 1.6 mm   0.063 in                 |
| <b>Height</b>   | 16.13 mm   0.635 in               |
| <b>Width</b>  | 14.48 mm   0.57 in                |
| <b>Depth</b>  | 30.48 mm   1.2 in                 |
| <b>Compatible Cable Diameter, maximum</b>               | 7.24 mm   0.285 in                |
| <b>Compatible Insulated Conductor Diameter, maximum</b> | 1.45 mm   0.057 in                |
| <b>Contact Plating Thickness</b>                        | 1.27 µm                           |

# USL10G

---

**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 greater than 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