



SL-Series FMK Modular Jack, RJ45, Cat6, Unshielded, Black

Product Classification

| | |
|------------------------------|------------------------------|
| Regional Availability | Australia/New Zealand EMEA |
| Portfolio | NETCONNECT® |
| Product Type | Modular jack |
| Product Series | SL Series |

General Specifications

| | |
|-----------------------------------|--|
| ANSI/TIA Category | 6 |
| Cable Type | Unshielded |
| Color | Black |
| Conductor Type | Solid Stranded |
| Integrated Dust Cover Type | None |
| Mounting | Clipsal/HPM faceplates |
| Outlet Feature | Inverted jack face |
| Outlet Type | Standard |
| Termination Tool | SL Termination tool |
| Termination Type | IDC |
| Transmission Standards | ANSI/TIA-568-C.2 ISO/IEC 11801 Class E |
| Wiring | T568A T568B |

Dimensions

| | |
|---|--------------------|
| Panel Thickness, recommended | 1.6 mm 0.063 in |
| Compatible Insulated Conductor Diameter, maximum | 1.45 mm 0.057 in |
| Contact Plating Thickness | 1.27 µm |
| 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

Polycarbonate

Mechanical Specifications

Plug to Jack Mating Cycles

Complies to IEC 60603-7 series

Environmental Specifications

Flammability Rating

UL 94 V-0

Packaging and Weights

Packaging quantity

10

Packaging Type

Bag

Regulatory Compliance/Certifications

Agency**Classification**

CHINA-ROHS

Below maximum concentration value

REACH-SVHC

Compliant as per SVHC revision on www.commscope.com/ProductCompliance

ROHS

Compliant

UK-ROHS

Compliant

