



SL-Series Modular Jack, RJ45, Cat6 Shielded, with Dust Cover, Black

Product Classification

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|------------------------------|---|
| Regional Availability | Asia Australia/New Zealand EMEA Latin America |
| Portfolio | NETCONNECT® |
| Product Type | Modular jack |
| Product Series | SLX Series |

General Specifications

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|--|--|
| ANSI/TIA Category | 6 |
| Cable Type | Shielded |
| Color | Black |
| Conductor Type | Solid Stranded |
| Integrated Dust Cover Type | Hinged |
| Mounting | SL Series faceplates and panels |
| Mounting Note | Color matches with SL-style Black Faceplates and Surface Mount Boxes |
| Outlet Type | Standard |
| Termination Punchdowns, minimum | 5 times |
| Termination Tool | SL Termination tool |
| Termination Type | IDC |
| Transmission Standards | ANSI/TIA-568-C.2 ISO/IEC 11801 Class E |
| Wiring | T568A T568B |

Dimensions

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|-------------------------------------|-----------------------------------|
| Panel Cutout, recommended | 14.78 x 20.07 mm (0.58 x 0.79 in) |
| Panel Thickness, recommended | 1.6 mm 0.063 in |
| Height | 16.13 mm 0.635 in |
| Width | 14.44 mm 0.569 in |

2153364-2 | SLX-DC-6S-BK

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|---|--------------------|
| Depth | 36.8 mm 1.449 in |
| Compatible Cable Diameter, maximum | 8.5 mm 0.335 in |
| Compatible Insulated Conductor Diameter, maximum | 1.6 mm 0.063 in |
| Contact Plating Thickness | 1.27 µm |
| Compatible Conductor Gauge, solid | 26–22 AWG |
| Compatible Conductor Gauge, stranded | 26–24 AWG |

Electrical Specifications

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|------------------------|--|
| 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 after 3000 plug to jack mating cycles |

Material Specifications

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|---------------------------------|-----------------------|
| Contact Base Material | Beryllium copper |
| Contact Plating Material | Gold |
| Material Type | Polycarbonate Zamak |

Mechanical Specifications

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|-----------------------------------|--------------------------------|
| Plug to Jack Mating Cycles | Complies to IEC 60603-7 series |
|-----------------------------------|--------------------------------|

Environmental Specifications

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|------------------------------|--------------------------------------|
| Operating Temperature | -10 °C to +60 °C (+14 °F to +140 °F) |
| Flammability Rating | UL 94 V-0 |

Packaging and Weights

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|---------------------------|-----------|
| Packaging Material | Standard |
| Packaging quantity | 24 |
| Packaging Type | Bag Box |

Regulatory Compliance/Certifications

| Agency | Classification |
|---------------|--|
| CHINA-ROHS | Below maximum concentration value |
| RCM | Compliant to electrical safety & telecommunications requirements |
| REACH-SVHC | Compliant as per SVHC revision on www.commscope.com/ProductCompliance |

ROHS
UK-ROHS

Compliant
Compliant

