

SX-Series Modular Jack, RJ45, JIS Faceplate, Cat6 Unshielded, with Shutter, Orange

Product Classification

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

General Specifications

|                            |                                          |
|----------------------------|------------------------------------------|
| ANSI/TIA Category          | 6                                        |
| Cable Type                 | Unshielded                               |
| Color                      | Orange                                   |
| Conductor Type             | Solid   Stranded                         |
| Integrated Dust Cover Type | Hinged                                   |
| Mounting                   | JIS Series faceplates and panels         |
| Termination Tool           | 110 Punchdown tool                       |
| Termination Type           | IDC                                      |
| Transmission Standards     | ANSI/TIA-568.2-D   ISO/IEC 11801 Class E |
| Wiring                     | T568A   T568B                            |

Dimensions

|                                                  |                    |
|--------------------------------------------------|--------------------|
| Height                                           | 22.7 mm   0.894 in |
| Width                                            | 28 mm   1.102 in   |
| Depth                                            | 34 mm   1.339 in   |
| Compatible Insulated Conductor Diameter, maximum | 1.45 mm   0.057 in |
| Contact Plating Thickness                        | 1.27 µm            |
| Compatible Conductor Gauge, solid                | 22–24 AWG          |

**Compatible Conductor Gauge, stranded**      24–26 AWG

Electrical Specifications

**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**      1  
**Packaging Type**      Bag

Regulatory Compliance/Certifications

| Agency     | Classification                                                                                                                  |
|------------|---------------------------------------------------------------------------------------------------------------------------------|
| CHINA-ROHS | Below maximum concentration value                                                                                               |
| REACH-SVHC | Compliant as per SVHC revision on <a href="https://www.commscope.com/ProductCompliance">www.commscope.com/ProductCompliance</a> |
| ROHS       | Compliant                                                                                                                       |
| UK-ROHS    | Compliant                                                                                                                       |



