



SX-Series Modular Jack, RJ45, Cat6 Unshielded, with Shutter, Blue

Product Classification

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

General Specifications

|                            |                                          |
|----------------------------|------------------------------------------|
| ANSI/TIA Category          | 6                                        |
| Cable Type                 | Unshielded                               |
| Color                      | Blue                                     |
| Conductor Type             | Solid   Stranded                         |
| Integrated Dust Cover Type | Hinged                                   |
| Mounting                   | SX Series faceplates                     |
| 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 | 20.3 mm   0.799 in |
| Width  | 26 mm   1.024 in   |
| Depth  | 35.6 mm   1.402 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="http://www.commscope.com/ProductCompliance">www.commscope.com/ProductCompliance</a> |

|         |           |
|---------|-----------|
| ROHS    | Compliant |
| UK-ROHS | Compliant |

