# 2153449-YL | SLX-6AS-YL

SL-Series Modular Jack, RJ45, Cat6A Shielded, Yellow

## Product Classification

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

## General Specifications

| | |
|---|---|
| **ANSI/TIA Category** | 6A |
| **Cable Type** | Shielded |
| **Color** | Yellow |
| **Conductor Type** | Solid | Stranded |
| **Integrated Dust Cover Type** | None |
| **Mounting** | SL Series faceplates and panels |
| **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 EA |
| **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 |
| **Depth** | 36.8 mm | 1.449 in |
| **Compatible Cable Diameter, maximum** | 8.5 mm | 0.335 in |

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| | |
|---|---|
| **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 greater than 3000 plug to jack mating cycles |

## Material Specifications

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|---|---|
| **Contact Base Material** | Beryllium copper |
| **Contact Plating Material** | Gold |
| **Material Type** | PC+ABS  |  Zamak |

## Mechanical Specifications

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

## Environmental Specifications

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

## Packaging and Weights

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

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