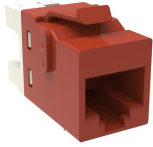


2291217-OR | KJ510-OR



KJ-Series Modular Jack, RJ45, Cat5e Unshielded, Orange

Product Classification

| | |
|------------------------------|---------------------------------------------------------------------|
| Regional Availability | Asia Australia/New Zealand EMEA Latin America North America |
| Portfolio | CommScope® |
| Product Type | Modular jack |
| Product Series | KJ Series |

General Specifications

| | |
|-----------------------------------|-----------------------------------------------------------------|
| ANSI/TIA Category | 5e |
| Cable Type | Unshielded |
| Color | Orange |
| Conductor Type | Solid Stranded |
| Integrated Dust Cover Type | None |
| Mounting | Hubbell® faceplates Leviton® faceplates Panduit® faceplates |
| Outlet Type | Keystone |
| Termination Tool | 110 Punchdown tool SL Termination tool |
| Termination Type | IDC |
| Transmission Standards | ANSI/TIA-568-C.2 ISO/IEC 11801 Class D |
| Wiring | T568A T568B |

Dimensions

| | |
|---------------------------------------------------------|-----------------------------------|
| Panel Cutout, recommended | 14.79 x 19.31 mm (0.58 x 0.76 in) |
| Panel Thickness, recommended | 1.6 mm 0.063 in |
| Height | 16.13 mm 0.635 in |
| Width | 16.48 mm 0.649 in |
| Depth | 30.48 mm 1.2 in |
| Compatible Insulated Conductor Diameter, maximum | 1.27 mm 0.05 in |

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

Material Specifications

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

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 www.commscope.com/ProductCompliance |
| ROHS | Compliant |
| UK-ROHS | Compliant |

