



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

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

Black

Conductor Type

Solid | Stranded

Integrated Dust Cover Type

None

Mounting

Hubbell® faceplates | Leviton® faceplates | Panduit® faceplates

Mounting Note

Color matches with KJ-style Black Faceplates and Surface Mount Boxes

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

2291217-2 | KJ510-BK

| | |
|---|-------------------|
| Depth | 30.48 mm 1.2 in |
| Compatible Insulated Conductor Diameter, maximum | 1.27 mm 0.05 in |
| 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 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 www.commscope.com/ProductCompliance |
| ROHS | Compliant |
| UK-ROHS | Compliant |

