



## KJ-Series Modular Jack, RJ45, Cat6 Unshielded, Pink

### Product Classification

**Regional Availability**

Asia | Australia/New Zealand | EMEA | Latin America

**Portfolio**

NETCONNECT®

**Product Type**

Modular jack

**Product Series**

KJ Series

### General Specifications

**ANSI/TIA Category**

6

**Cable Type**

Unshielded

**Color**

Pink

**Conductor Type**

Solid | Stranded

**Integrated Dust Cover Type**

None

**Termination Type**

IDC

**Wiring**

T568A | T568B

### Dimensions

**Compatible Conductor Gauge, solid**

22 AWG | 24 AWG

**Compatible Conductor Gauge, stranded**

24 AWG | 26 AWG

### Electrical Specifications

**Contact Resistance Variation, maximum**

20 mOhm

**Contact Resistance, maximum**

100 mOhm

**Current Rating at Temperature**

1.5 A @ 20 °C | 1.5 A @ 68 °F

**Dielectric Withstand Voltage, RMS, conductive surface**

1,500 Vac @ 60 Hz

**Dielectric Withstand Voltage, RMS, contact-to-contact**

1,000 Vac @ 60 Hz

**Insulation Resistance, minimum**

500 MOhm

**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 Plating Material

Precious metals

### Material Type

Copper alloy | High-impact, flame retardant, thermoplastic

### Termination Contact Plating

Nickel

## Mechanical Specifications

### Plug Retention Force, minimum

133 N | 29.9 lbf

### 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)

### Storage Temperature

-40 °C to +70 °C (-40 °F to +158 °F)

### Relative Humidity

Up to 95%, non-condensing

### Flammability Rating

UL 94 V-0

### Safety Standard

UL | cUL

## Packaging and Weights

### Packaging quantity

1

## Regulatory Compliance/Certifications

### Agency

### Classification

CHINA-ROHS

Below maximum concentration value

REACH-SVHC

Compliant as per SVHC revision on [www.commscope.com/ProductCompliance](https://www.commscope.com/ProductCompliance)

ROHS

Compliant

UK-ROHS

Compliant

