



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 after 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

ROHS

Compliant

UK-ROHS

Compliant

