



## KJ Series Modular Jack, RJ45, Cat6A Shielded Side Entry, Silver

- Robust 2 connector PL standards compliant
- 4PPoE compliance in accordance with IEEE 802.bt Type 4
- ISO/TIA Component up to 500MHz
- Solution for IoT an PoE application
- Tool-free termination
- Keystone footprint

## Product Classification

<b>Regional Availability</b>	Asia
<b>Portfolio</b>	CommScope®
<b>Product Type</b>	Modular jack

## General Specifications

<b>ANSI/TIA Category</b>	6A
<b>Application</b>	4 connector CH standards compliant >35m   Not recommended for use in shallow wall boxes
<b>Cable Type</b>	Shielded
<b>Color</b>	Silver
<b>Conductor Type</b>	Solid   Stranded
<b>Integrated Dust Cover Type</b>	None
<b>Outlet Type</b>	Right angle
<b>Termination Type</b>	IDC
<b>Transmission Standards</b>	ANSI/TIA-568.2-D   ISO/IEC 11801 Class EA
<b>Wiring</b>	T568A   T568B

## Dimensions

<b>Panel Thickness, recommended</b>	1.6 mm   0.063 in
<b>Height</b>	23.75 mm   0.935 in
<b>Width</b>	23.61 mm   0.93 in
<b>Depth</b>	34.75 mm   1.368 in
<b>Compatible Cable Diameter, maximum</b>	9 mm   0.354 in
<b>Contact Plating Thickness</b>	1.27 µm

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**Compatible Conductor Gauge, solid** 26–22 AWG

**Compatible Conductor Gauge, stranded** 24 AWG

## Electrical Specifications

**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** Polycarbonate | 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 quantity** 12

**Packaging Type** Tray in box

## Regulatory Compliance/Certifications

Agency	Classification
CHINA-ROHS	Below maximum concentration value
REACH-SVHC	Compliant as per SVHC revision on <a href="https://www.commscope.com/ProductCompliance">www.commscope.com/ProductCompliance</a>
ROHS	Compliant
UK-ROHS	Compliant

