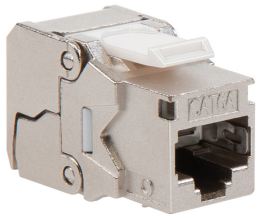
760253419 | KJX-6A



KJ Series Modular Jack, RJ45, Cat6A Shielded, 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

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

General Specifications

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

Dimensions

Panel Thickness, recommended	1.6 mm | 0.063 in
Height	21.5 mm | 0.846 in
Width	17.2 mm | 0.677 in
Depth	38.3 mm | 1.508 in
Compatible Cable Diameter, maximum	9 mm | 0.354 in
Contact Plating Thickness	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
RCM	Compliant to electrical safety & telecommunications requirements
REACH-SVHC	Compliant as per SVHC revision on www.commscope.com/ProductCompliance
ROHS	Compliant
UK-ROHS	Compliant

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