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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