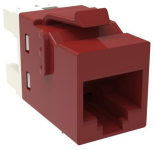
2291216-7 | KJ610-RD



KJ-Series Modular Jack, RJ45, Cat6 Unshielded, Red

This product will be discontinued on: October 31, 2024

Replaced By:

2291216-RD KJ610-RD	KJ-Series Modular Jack, RJ45, Cat6 Unshielded, Red

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	Red
Conductor Type	Solid | Stranded
Integrated Dust Cover Type	None
Mounting	Hubbell® faceplates | Leviton® faceplates | Panduit® faceplates
Mounting Note	Color matches with KJ-style Red Faceplates
Outlet Type	Keystone
Termination Tool	110 Punchdown tool | SL Termination tool
Termination Type	IDC
Transmission Standards	ANSI/TIA-568-C.2 | ISO/IEC 11801 Class E
Wiring	T568A | T568B

Dimensions

Panel Cutout, recommended	14.79 x 19.31 mm (0.58 x 0.76 in)

©2024 CommScope, Inc. All rights reserved. CommScope and the CommScope logo are registered trademarks of CommScope and/or its affiliates in the U.S. and other countries. For additional trademark information see https://www.commscope.com/trademarks. All product names, trademarks and registered trademarks are property of their respective owners. Revised: September 3, 2024

Panel Thickness, recommended	1.6 mm | 0.063 in
Height	16.13 mm | 0.635 in
Width	16.48 mm | 0.649 in
Depth	30.48 mm | 1.2 in
Compatible Insulated Conductor Diameter, maximum	1.27 mm | 0.05 in
Contact Plating Thickness	1.27 µm
Compatible Conductor Gauge, solid	24–22 AWG
Compatible Conductor Gauge, stranded	26–24 AWG

Electrical Specifications

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 Base Material	Beryllium copper
Contact Plating Material	Gold
Material Type	Polycarbonate

Mechanical Specifications

Plug to Jack Mating Cycles	Complies to IEC 60603-7 series

Environmental Specifications

Flammability Rating	UL 94 V-0

Packaging and Weights

Packaging quantity	1
Packaging Type	Bag

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

©2024 CommScope, Inc. All rights reserved. CommScope and the CommScope logo are registered trademarks of CommScope and/or its affiliates in the U.S. and other countries. For additional trademark information see https://www.commscope.com/trademarks. All product names, trademarks and registered trademarks are property of their respective owners. Revised: September 3, 2024

UK-ROHS	Compliant

©2024 CommScope, Inc. All rights reserved. CommScope and the CommScope logo are registered trademarks of CommScope and/or its affiliates in the U.S. and other countries. For additional trademark information see https://www.commscope.com/trademarks. All product names, trademarks and registered trademarks are property of their respective owners. Revised: September 3, 2024