

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



OBSOLETE

Replaced By:

2291216-YL	KJ-Series Modular Jack, RJ45, Cat6 Unshielded, Yellow
KJ610-YL	

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	Yellow
Conductor Type	Solid Stranded
Integrated Dust Cover Type	None
Mounting	Hubbell® faceplates Leviton® faceplates Panduit® faceplates
Termination Punchdowns	Minimum 20 times according to IEC 605352-4 Minimum 200 times when using the same conductor wire size
Termination Tool	110 Punchdown tool JTT Termination tool
Termination Type	IDC
Transmission Standards	ANSI/TIA-568-C.2 ISO/IEC 11801 Class E

Wiring

T568A | T568B

Dimensions

Height	16.13 mm 0.635 in
Width	16.48 mm 0.649 in
Depth	30.48 mm 1.2 in
Compatible Cable Diameter, maximum	5.8 mm 0.228 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

Contact Resistance, maximum	20 mOhm
Current Rating at Temperature	1.5 A @ 20 °C 1.5 A @ 68 °F
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 greater than 3000 plug to jack mating cycles
Safety Voltage Rating	150 Vac

Material Specifications

Contact Base Material	Beryllium copper
Contact Plating Material	Gold
IDC Termination Material	Phosphor Bronze

Material Type	Polycarbonate
Termination Contact Plating	Tin

Mechanical Specifications

Plug Retention Force, minimum	50 N 11.24 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	cULus

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
UK-ROHS	Compliant

