760241170 | UKJ10G-P.WH



KJ-Series Modular Jack, RJ45, Cat6A Unshielded, ProWhite

- Color is more prominently visible across the body of the jack
- Allows for all jack variants to be terminated with the JTT termination tool
- Lacing fixture of the JTT termination tool is used to establish the cable termination

Product Classification

Regional Availability	North America
Portfolio	Uniprise®
Product Type	Modular jack
Product Series	UKJ Series

General Specifications

ANSI/TIA Category	6A
Cable Type	Unshielded
Color	Pro white
Conductor Type	Solid | Stranded
Integrated Dust Cover Type	None
Mounting	Keystone faceplates and panels
Termination Punchdowns, minimum	20 times
Termination Tool	110 Punchdown tool | JTT Termination tool
Termination Type	IDC
Transmission Standards	ANSI/TIA-568.2-D | ISO/IEC 11801 Class EA
Wiring	T568A | T568B

Dimensions

Height	16.13 mm | 0.635 in
Width	14.48 mm | 0.57 in

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Depth	30.48 mm | 1.2 in
Compatible Cable Diameter, maximum	7.24 mm | 0.285 in
Compatible Insulated Conductor Diameter, maximum	1.45 mm | 0.057 in
Contact Plating Thickness	1.27 µm
Compatible Conductor Gauge, solid	22–24 AWG
Compatible Conductor Gauge, stranded	24–26 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	PC+ABS
Termination Contact Plating	Tin

Mechanical Specifications

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

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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	Above maximum concentration value
ISO 9001:2015	Designed, manufactured and/or distributed under this quality management system
REACH-SVHC	Compliant as per SVHC revision on www.commscope.com/ProductCompliance
ROHS	Compliant/Exempted
UK-ROHS	Compliant/Exempted



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