UKJIOG

Base Product



Product Classification

Regional Availability North America Portfolio Uniprise® **Product Type** Modular jack **Product Series** UKJ Series General Specifications **ANSI/TIA Category** 6A Unshielded Cable Type **Conductor Type** Solid | Stranded Mounting Keystone faceplates and panels **Outlet Type** Standard **Termination Tool** SL Termination tool **Termination Type** IDC **Transmission Standards** ANSI/TIA-568.2-D | ISO/IEC 11801 Class EA Wiring T568A | T568B Dimensions 14.78 x 19.30 mm (0.58 x 0.76 in) Panel Cutout, recommended $1.6 \text{ mm} \mid 0.062 \text{ in}$ Panal Thickness, recommended

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 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

KJ-Series Modular Jack, RJ45, Cat6A Unshielded

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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 greater than 3000 plug to jack mating cycles
Material Specifications	
Contact Base Material	Beryllium copper
Contact Plating Material	Gold
Material Type	Copper alloy High-impact, flame retardant, thermoplastic Polycarbonate
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)
Storage Temperature	-40 °C to +70 °C (-40 °F to +158 °F)
Flammability Rating	UL 94 V-0

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