UNJIOG

Base Product



Product Classification

M-Series Modular Jack, RJ45, Cat6A Unshielded

Regional Availability	North America
Portfolio	Uniprise®
Product Type	Modular jack
Product Series	UNJ Series
General Specifications	
ANSI/TIA Category	6A
Cable Type	Unshielded
Conductor Type	Solid Stranded
Mounting	M Series 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	
Panel Cutout, recommended	16.66 x 17.68 mm (0.66 x 0.70 in)
Panel Thickness, recommended	1.6 mm 0.063 in
Height	17.48 mm 0.688 in
11/2 1-1	

 Height
 17.48 mm | 0.688 in

 Width
 16.5 mm | 0.65 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

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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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