UNJ500

M-Series Modular Jack, RJ45, Cat5e Unshielded

Product Classification

Regional Availability: North America
Portfolio: CommScope®
Product Type: Modular jack
Product Series: UNJ Series

General Specifications

ANSI/TIA Category: 5e
Cable Type: Unshielded
Conductor Type: Solid | Stranded
Mounting: M Series faceplates and panels
Outlet Feature: Inverted jack face
Outlet Type: Standard
Termination Tool: SL Termination tool
Termination Type: IDC
Transmission Standards: ANSI/TIA-568-C.2 | ISO/IEC 11801 Class D
Wiring: T568A | T568B

Dimensions

Panel Thickness, recommended: 1.6 mm | 0.063 in
Compatible Insulated Conductor Diameter, maximum: 1.45 mm | 0.057 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
UNJ500

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

Mechanical Specifications

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

Environmental Specifications

Flammability Rating
UL 94 V-0