



## M-Series Modular Jack, RJ45, Cat5e Unshielded, White

### Product Classification

<b>Regional Availability</b>	North America
<b>Portfolio</b>	CommScope®
<b>Product Type</b>	Modular jack
<b>Product Series</b>	UNJ Series

### General Specifications

<b>ANSI/TIA Category</b>	5e
<b>Cable Type</b>	Unshielded
<b>Color</b>	White
<b>Conductor Type</b>	Solid   Stranded
<b>Integrated Dust Cover Type</b>	None
<b>Mounting</b>	M Series faceplates and panels
<b>Mounting Note</b>	Color matches with M-series White Faceplates and Surface Mount Boxes
<b>Outlet Feature</b>	Inverted jack face
<b>Outlet Type</b>	Standard
<b>Termination Tool</b>	SL Termination tool
<b>Termination Type</b>	IDC
<b>Transmission Standards</b>	ANSI/TIA-568-C.2   ISO/IEC 11801 Class D
<b>Wiring</b>	T568A   T568B

### Dimensions

<b>Panel Thickness, recommended</b>	1.6 mm   0.063 in
<b>Compatible Insulated Conductor Diameter, maximum</b>	1.45 mm   0.057 in
<b>Contact Plating Thickness</b>	1.27 µm
<b>Compatible Conductor Gauge, solid</b>	24–22 AWG

# 760248227 | UNJ500-WH

---

**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

## Mechanical Specifications

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

## Environmental Specifications

**Flammability Rating** UL 94 V-0

## 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 <a href="https://www.commscope.com/ProductCompliance">www.commscope.com/ProductCompliance</a>
ROHS	Compliant
UK-ROHS	Compliant

