



M-Series Modular Jack, RJ45, Cat6 Unshielded, Yellow

## Product Classification

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

## General Specifications

<b>ANSI/TIA Category</b>	6
<b>Cable Type</b>	Unshielded
<b>Color</b>	Yellow
<b>Conductor Type</b>	Solid   Stranded
<b>Integrated Dust Cover Type</b>	None
<b>Mounting</b>	M Series faceplates and panels
<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 E
<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
<b>Compatible Conductor Gauge, stranded</b>	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**

PC+ABS

## 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

## 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 [www.commscope.com/ProductCompliance](https://www.commscope.com/ProductCompliance)

ROHS

Compliant

UK-ROHS

Compliant

