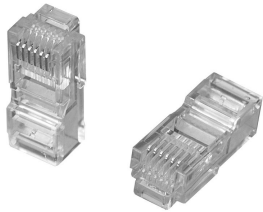


# 6-555176-3 | MP-66U-LF-1



Modular Plug, 6P/6C, unshielded, long body, flat oval, 2.79 x 6.85 mm cable jack OD, category 3, 100/bag

## Product Classification

### Regional Availability

Asia | Australia/New Zealand | EMEA | Latin America | North America

### Portfolio

CommScope®

### Product Type

Modular plug

## General Specifications

### ANSI/TIA Category

3

### Cable Type

Flat oval, unshielded

### Conductor Type

Solid | Stranded

### Interface

RJ12

### Positions/Loaded Contacts

6/6

### Termination Type

IDC

## Dimensions

### Compatible Cable Diameter, maximum

6.85 mm | 0.27 in

### Compatible Cable Diameter, minimum

2.79 mm | 0.11 in

### Compatible Insulated Conductor Diameter, maximum

0.99 mm | 0.039 in

### Compatible Insulated Conductor Diameter, minimum

0.86 mm | 0.034 in

### Contact Plating Thickness

1.27 µm

### Compatible Conductor Gauge, solid

26–24 AWG

### Compatible Conductor Gauge, stranded

26–24 AWG

## Electrical Specifications

### Current Rating, maximum

0.75 A

### Insulation Resistance, minimum

500 mOhm

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**Safety Voltage Rating** 150 Vac

## Material Specifications

**Contact Base Material** Phosphor bronze

**Contact Plating Material** Gold

**Material Type** Glass filled polycarbonate

## Mechanical Specifications

**Plug Insertion Life, minimum** 750 times

## Environmental Specifications

**Operating Temperature** -10 °C to +60 °C (+14 °F to +140 °F)

**Relative Humidity** Up to 93%, non-condensing

**Safety Standard** UL 1863

## Packaging and Weights

**Packaging quantity** 100

**Packaging Type** Bag | Box | Carton

## Regulatory Compliance/Certifications

Agency	Classification
CHINA-ROHS	Below maximum concentration value
REACH-SVHC	Compliant as per SVHC revision on <a href="http://www.commscope.com/ProductCompliance">www.commscope.com/ProductCompliance</a>
ROHS	Compliant

