



Field Term Modular Plug, RJ45, Cat6 (100 ea/pkg)

## Product Classification

### Regional Availability

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

### Portfolio

CommScope®

### Product Type

Modular plug

## General Specifications

### ANSI/TIA Category

6

### Cable Type

U/UTP (unshielded)

### Color

Clear

### Conductor Type

Solid

### Interface

RJ45

### Positions/Loaded Contacts

8

### Termination Type

IDC

## Dimensions

### Compatible Cable Diameter, maximum

6 mm | 0.236 in

### Compatible Cable Diameter, minimum

5.3 mm | 0.209 in

### Compatible Insulated Conductor Diameter, maximum

1.03 mm | 0.041 in

### Compatible Insulated Conductor Diameter, minimum

0.84 mm | 0.033 in

### Contact Plating Thickness

1.27 µm

### Compatible Conductor Gauge, solid

23 AWG

## Material Specifications

### Contact Base Material

Copper alloy

### Contact Plating Material

Gold over nickel

### Material Type

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 114344

## Packaging and Weights

**Packaging quantity** 100

**Packaging Type** Bag

## 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
UK-ROHS	Compliant

