



Modular Plug Kit, 8P/8C, shielded, round, 5.1 mm max cable jack OD, 8-position, category 5, 500/bag

## Product Classification

<b>Regional Availability</b>	Asia   Australia/New Zealand   EMEA   Latin America   North America
<b>Portfolio</b>	CommScope®
<b>Product Type</b>	Modular plug

## General Specifications

<b>ANSI/TIA Category</b>	5
<b>Cable Type</b>	Round, shielded
<b>Conductor Type</b>	Solid   Stranded
<b>Interface</b>	RJ45
<b>Positions/Loaded Contacts</b>	8/8
<b>Termination Type</b>	IDC

## Dimensions

<b>Compatible Cable Diameter, maximum</b>	5.08 mm   0.2 in
<b>Compatible Cable Diameter, minimum</b>	4.83 mm   0.19 in
<b>Compatible Insulated Conductor Diameter, maximum</b>	0.99 mm   0.039 in
<b>Compatible Insulated Conductor Diameter, minimum</b>	0.86 mm   0.034 in
<b>Contact Plating Thickness</b>	1.27 µm
<b>Compatible Conductor Gauge, solid</b>	26–24 AWG
<b>Compatible Conductor Gauge, stranded</b>	26–24 AWG

## Electrical Specifications

<b>Current Rating, maximum</b>	0.75 A
<b>Insulation Resistance, minimum</b>	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  
**Plug Shield Base Material** Copper alloy  
**Plug Shield Plating Material** Nickel

## 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  
**Flammability Rating** UL 94 V-0  
**Safety Standard** UL 1863

## Packaging and Weights

**Packaging quantity** 500  
**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

