



Modular Plug Kit, category 6, shielded, 8-position, 5.7 – 7.0 mm max cable jack OD, 500/bag

## Product Classification

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

## Dimensions

<b>Compatible Cable Diameter, maximum</b>	7.00 mm   0.28 in
<b>Compatible Cable Diameter, minimum</b>	5.70 mm   0.22 in
<b>Compatible Insulated Conductor Diameter, maximum</b>	1.090 mm   0.043 in
<b>Compatible Insulated Conductor Diameter, minimum</b>	0.890 mm   0.035 in

## Electrical Specifications

<b>ANSI/TIA Category</b>	6
<b>Insulation Resistance, minimum</b>	500 mOhm

## Environmental Specifications

<b>Operating Temperature</b>	-40 °C to +60 °C (-40 °F to +140 °F)
<b>Safety Standard</b>	UL 1863

## General Specifications

<b>Cable Type</b>	Round, shielded
<b>Interface</b>	RJ45
<b>Package Quantity</b>	500
<b>Packaging Type</b>	Bag   Box   Carton
<b>Positions/Loaded Contacts</b>	8/8

## Mechanical Specifications

<b>Conductor Gauge, solid</b>	26–23 AWG
<b>Conductor Gauge, stranded</b>	26–23 AWG
<b>Conductor Type</b>	Solid   Stranded
<b>Contact Base Material</b>	Phosphor bronze
<b>Contact Plating Material</b>	Gold

<b>Contact Plating Thickness</b>	1.27 $\mu$ m
<b>Material Type</b>	Glass filled polycarbonate
<b>Plug Insertion Life, minimum</b>	750 times
<b>Plug Shield Base Material</b>	Stainless steel
<b>Plug Shield Plating Material</b>	Nickel
<b>Termination Type</b>	IDC

## Regulatory Compliance/Certifications

**Agency**  
RoHS 2011/65/EU

**Classification**  
Compliant

