



Modular Plug, 8P/8C, unshielded, small conductor, flat oval, 2.54 x 8.89 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>	8.89 mm   0.35 in
<b>Compatible Cable Diameter, minimum</b>	2.54 mm   0.10 in
<b>Compatible Insulated Conductor Diameter, maximum</b>	0.860 mm   0.034 in
<b>Compatible Insulated Conductor Diameter, minimum</b>	0.740 mm   0.029 in

## Electrical Specifications

<b>ANSI/TIA Category</b>	5
<b>Current Rating, maximum</b>	0.75 A
<b>Insulation Resistance, minimum</b>	500 mOhm
<b>Safety Voltage Rating</b>	150 Vac

## Environmental Specifications

<b>Operating Temperature</b>	-10 °C to +60 °C (+14 °F to +140 °F)
<b>Relative Humidity</b>	Up to 93%, non-condensing
<b>Safety Standard</b>	UL 1863

## General Specifications

<b>Cable Type</b>	Flat oval, unshielded
<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>	28–26 AWG
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<b>Conductor Gauge, stranded</b>	28–26 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 µm
<b>Material Type</b>	Glass filled polycarbonate
<b>Plug Insertion Life, minimum</b>	750 times
<b>Termination Type</b>	IDC

## Regulatory Compliance/Certifications

### Agency

RoHS 2011/65/EU

### Classification

Compliant

