

# 6-2843008-1 | MP-6AU-Plug-B-1



Modular Plug, Category 6A/6, Unshielded, Cond Insulation OD - 0.79mm, 100 pcs

## 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>	6   6A
<b>Cable Type</b>	Round, unshielded
<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 Insulated Conductor Diameter, maximum</b>	0.89 mm   0.035 in
<b>Compatible Insulated Conductor Diameter, minimum</b>	0.69 mm   0.027 in
<b>Contact Plating Thickness</b>	1.27 µm
<b>Compatible Conductor Gauge, solid</b>	26–23 AWG
<b>Compatible Conductor Gauge, stranded</b>	26–23 AWG

## Electrical Specifications

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

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## Material Specifications

<b>Contact Base Material</b>	Phosphor Bronze
<b>Contact Plating Material</b>	Gold
<b>Material Type</b>	Glass filled polycarbonate

## Mechanical Specifications

<b>Plug Insertion Life, minimum</b>	750 times
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## 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

## Packaging and Weights

<b>Packaging quantity</b>	100
<b>Packaging Type</b>	Bag   Box   Carton

## Regulatory Compliance/Certifications

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

