

6-2843007-1 | MP-6AU-Plug-A-1



Modular Plug, Category 6A/6, Unshielded, Cond Insulation OD - 0.99mm, 100 pcs

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 | 6A

Cable Type

Round, unshielded

Conductor Type

Solid | Stranded

Interface

RJ45

Positions/Loaded Contacts

8/8

Termination Type

IDC

Dimensions

Compatible Insulated Conductor Diameter, maximum

1.09 mm | 0.043 in

Compatible Insulated Conductor Diameter, minimum

0.89 mm | 0.035 in

Contact Plating Thickness

1.27 µm

Compatible Conductor Gauge, solid

26–23 AWG

Compatible Conductor Gauge, stranded

26–23 AWG

Electrical Specifications

Current Rating, maximum

0.75 A

Insulation Resistance, minimum

500 mOhm

Safety Voltage Rating

150 Vac

6-2843007-1 | MP-6AU-Plug-A-1

Material Specifications

| | |
|---------------------------------|----------------------------|
| Contact Base Material | Phosphor Bronze |
| Contact Plating Material | Gold |
| Material Type | Glass filled 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 1863 |

Packaging and Weights

| | |
|---------------------------|--------------------|
| Packaging quantity | 100 |
| Packaging Type | Bag Box Carton |

Regulatory Compliance/Certifications

| Agency | Classification |
|---------------|--|
| CHINA-ROHS | Below maximum concentration value |
| REACH-SVHC | Compliant as per SVHC revision on www.commscope.com/ProductCompliance |
| ROHS | Compliant |

