Modular Plug Kit, category 6, shielded, 8-position, 5.1 – 6.0 mm max cable jack OD, 500/bag

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

Cable Type
Round, shielded

Conductor Type
Solid | Stranded

Interface
RJ45

Positions/Loaded Contacts
8/8

Termination Type
IDC

Dimensions

Compatible Cable Diameter, maximum
6 mm | 0.236 in
Compatible Cable Diameter, minimum
5.1 mm | 0.201 in
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

Insulation Resistance, minimum
500 mOhm
Material Specifications

Contact Base Material: Phosphor Bronze
Contact Plating Material: Gold
Material Type: Glass filled polycarbonate
Plug Shield Base Material: Stainless steel
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)
Safety Standard: UL 1863

Packaging and Weights

Packaging quantity: 500
Packaging Type: Bag | Box | Carton

Regulatory Compliance/Certifications

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