Modular Plug Kit, category 6A, 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
6A

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  -40 °C to +60 °C (-40 °F to +140 °F)
Safety Standard  UL 1863

Packaging and Weights

Packaging quantity  500
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