Modular Plug Kit, category 6, shielded, 8-position, 5.7 – 7.0 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
7 mm | 0.276 in

Compatible Cable Diameter, minimum
5.7 mm | 0.224 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**
  - CHINA-ROHS | Below maximum concentration value
  - REACH-SVHC | Compliant as per SVHC revision on www.commscope.com/ProductCompliance
  - ROHS | Compliant
  - UK-ROHS | Compliant