



Modular Plug Kit, category 6A, shielded, 8-position, 5.7 – 7.0 mm max cable jack OD, 100/bag

## Product Classification

|                       |   |
|-----------------------|---|
| Portfolio             | CommScope®  |
| Product Type          | Modular plug  |
| Regional Availability | Asia   Australia/New Zealand   EMEA   Latin America   North America |

## Dimensions

|  |                     |
|--|---------------------|
| Compatible Cable Diameter, maximum               | 7.00 mm   0.28 in   |
| Compatible Cable Diameter, minimum               | 5.70 mm   0.22 in   |
| Compatible Insulated Conductor Diameter, maximum | 1.090 mm   0.043 in |
| Compatible Insulated Conductor Diameter, minimum | 0.890 mm   0.035 in |

## Electrical Specifications

|                                |          |
|--------------------------------|----------|
| ANSI/TIA Category              | 6A       |
| Insulation Resistance, minimum | 500 mOhm |

## Environmental Specifications

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

## General Specifications

|                           |                    |
|---------------------------|--------------------|
| Cable Type                | Round, shielded    |
| Interface                 | RJ45               |
| Package Quantity          | 100                |
| Packaging Type            | Bag   Box   Carton |
| Positions/Loaded Contacts | 8/8                |

## Mechanical Specifications

|                           |                  |
|---------------------------|------------------|
| Conductor Gauge, solid    | 26–23 AWG        |
| Conductor Gauge, stranded | 26–23 AWG        |
| Conductor Type            | Solid   Stranded |
| Contact Base Material     | Phosphor bronze  |
| Contact Plating Material  | Gold             |

|                                     |                            |
|-------------------------------------|----------------------------|
| <b>Contact Plating Thickness</b>    | 1.27 $\mu$ m               |
| <b>Material Type</b>                | Glass filled polycarbonate |
| <b>Plug Insertion Life, minimum</b> | 750 times                  |
| <b>Plug Shield Base Material</b>    | Stainless steel            |
| <b>Plug Shield Plating Material</b> | Nickel                     |
| <b>Termination Type</b>             | IDC                        |

## Regulatory Compliance/Certifications

### Agency

RoHS 2011/65/EU

### Classification

Compliant

