



Modular Plug Kit, category 6A, shielded, 8-position, 5.7 – 7.0 mm max cable jack OD, 500/bag

## Product Classification

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

## Dimensions

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

## Electrical Specifications

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

## Environmental Specifications

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

## General Specifications

|                                  |                    |
|----------------------------------|--------------------|
| <b>Cable Type</b>                | Round, shielded    |
| <b>Interface</b>                 | RJ45               |
| <b>Package Quantity</b>          | 500                |
| <b>Packaging Type</b>            | Bag   Box   Carton |
| <b>Positions/Loaded Contacts</b> | 8/8                |

## Mechanical Specifications

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

