



## CommScope® Category 6 U/UTP Cord, Plenum , RJ45 to Ceiling connector, 1.5 ft, black

- Perfect solution for connected devices in the ceiling: IP cameras, Wi-Fi access points and in-building wireless systems, LED lighting and sound masking systems
- For installation in difficult-to-access areas
- Provides a high-quality cable interconnection, available as a standalone unit or pre-terminated to an RJ45 plug
- Can be ordered individually or with a UTP pigtail, in plenum or low smoke zero halogen (LSZH) options
- Category 5e, 6 and 6A UTP can be terminated in the ceiling connector

## Product Classification

|                              |                         |
|------------------------------|-------------------------|
| <b>Regional Availability</b> | North America           |
| <b>Portfolio</b>             | CommScope®              |
| <b>Product Type</b>          | Twisted pair patch cord |

## General Specifications

|                                       |                    |
|---------------------------------------|--------------------|
| <b>ANSI/TIA Category</b>              | 6                  |
| <b>Cable Type</b>                     | U/UTP (unshielded) |
| <b>Conductor Type</b>                 | Solid              |
| <b>Interface, Connector A</b>         | Ceiling connector  |
| <b>Interface Feature, connector A</b> | Standard           |
| <b>Interface, Connector B</b>         | RJ45 plug          |
| <b>Interface Feature, connector B</b> | Standard           |
| <b>Jacket Color</b>                   | Black              |
| <b>Pairs, quantity</b>                | 4                  |
| <b>Wiring</b>                         | T568B              |

## Dimensions

|   |                    |
|---|--------------------|
| <b>Cord Length</b>                          | 0.457 m   1.499 ft |
| <b>Compatible Conductor Gauge, stranded</b> | 24 AWG             |

## Wiring Diagram

|            | Connector A  | Connector B  |
|------------|--------------|--------------|
| Position 1 | White/Orange | White/Orange |
| Position 2 | Orange       | Orange       |
| Position 3 | Lt. Green    | Lt. Green    |
| Position 4 | Blue         | Blue         |
| Position 5 | Lt. Blue     | Lt. Blue     |
| Position 6 | Green        | Green        |
| Position 7 | Lt. Brown    | Lt. Brown    |
| Position 8 | Brown        | Brown        |

## Material Specifications

|                                 |  |
|---------------------------------|--|
| <b>Contact Plating Material</b> | Precious metals  |
| <b>Material Type</b>            | Copper alloy   High-impact, flame retardant, thermoplastic |

## Mechanical Specifications

|                                      |                  |
|--------------------------------------|------------------|
| <b>Plug Insertion Life, minimum</b>  | 750 times        |
| <b>Plug Retention Force, minimum</b> | 133 N   29.9 lbf |

## Environmental Specifications

|                              |                                      |
|------------------------------|--------------------------------------|
| <b>Operating Temperature</b> | -10 °C to +60 °C (+14 °F to +140 °F) |
| <b>Storage Temperature</b>   | -40 °C to +70 °C (-40 °F to +158 °F) |
| <b>Relative Humidity</b>     | Up to 95%, non-condensing            |
| <b>Environmental Space</b>   | Plenum                               |
| <b>Flammability Rating</b>   | UL 94 V-0                            |
| <b>Safety Standard</b>       | ETL   cETL                           |

## Packaging and Weights

|                           |   |
|---------------------------|---|
| <b>Packaging quantity</b> | 1 |
|---------------------------|---|

## Regulatory Compliance/Certifications

|               |  |
|---------------|--|
| <b>Agency</b> | <b>Classification</b>  |
| ISO 9001:2015 | Designed, manufactured and/or distributed under this quality management system |

## Included Products

- 760234921 CCA-WH - Unshielded Ceiling Connector Assembly (CCA) without cordage, White