



CommScope® Category 6 U/UTP Cord, LSZH , 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

| | |
|------------------------------|-----------------------------------------------------|
| Regional Availability | Asia Australia/New Zealand EMEA Latin America |
| Portfolio | CommScope® |
| Product Type | Twisted pair patch cord |

General Specifications

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

Dimensions

| | |
|---------------------------------------------|--------------------|
| Cord Length | 0.457 m 1.499 ft |
| Compatible Conductor Gauge, stranded | 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

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

Mechanical Specifications

| | |
|--------------------------------------|------------------|
| Plug Insertion Life, minimum | 750 times |
| Plug Retention Force, minimum | 133 N 29.9 lbf |

Environmental Specifications

| | |
|------------------------------|--------------------------------------|
| Operating Temperature | -10 °C to +60 °C (+14 °F to +140 °F) |
| Storage Temperature | -40 °C to +70 °C (-40 °F to +158 °F) |
| Relative Humidity | Up to 95%, non-condensing |
| Environmental Space | Low Smoke Zero Halogen (LSZH) |
| Flammability Rating | UL 94 V-0 |
| Safety Standard | ETL cETL |

Packaging and Weights

| | |
|---------------------------|---|
| Packaging quantity | 1 |
|---------------------------|---|

Regulatory Compliance/Certifications

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



Unshielded Ceiling Connector Assembly (CCA) without cordage, White

- 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

Regional Availability

Asia | Australia/New Zealand | EMEA | Latin America | North America

Portfolio

CommScope®

Product Type

Connector kit

General Specifications

ANSI/TIA Category

6 | 6A

Cable Type

U/UTP (unshielded)

Color

Electrical white

Conductor Type

Solid | Stranded

Dimensions

Height

27.178 mm | 1.07 in

Width

35.56 mm | 1.4 in

Depth

51.816 mm | 2.04 in

Compatible Conductor Gauge, solid

26–22 AWG

Compatible Conductor Gauge, stranded

26–22 AWG

Electrical Specifications

Contact Resistance Variation, maximum

20 mOhm

Contact Resistance, maximum

100 mOhm

Current Rating at Temperature

1.5 A @ 20 °C | 1.5 A @ 68 °F

Dielectric Withstand Voltage, RMS, contact-to-contact

1,000 Vac @ 60 Hz

Insulation Resistance, minimum

500 MOhm

Material Specifications

| | |
|---------------------------------|---------------------------------------------------------------|
| Contact Plating Material | Precious metals |
| IDC Termination Material | Phosphor Bronze |
| Material Type | High-impact, flame retardant, thermoplastic Phosphor Bronze |

Mechanical Specifications

| | |
|--------------------------------------|------------------------|
| Plug Insertion Life, minimum | 750 times |
| Plug Retention Force, minimum | 44.645 kg/m 30 lb/ft |

Environmental Specifications

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

Packaging and Weights

| | |
|---------------------------|---|
| Packaging quantity | 1 |
|---------------------------|---|

Regulatory Compliance/Certifications

| Agency | Classification |
|---------------|--------------------------------------------------------------------------------------------------------------------------------|
| CHINA-ROHS | Below maximum concentration value |
| ISO 9001:2015 | Designed, manufactured and/or distributed under this quality management system |
| REACH-SVHC | Compliant as per SVHC revision on www.commscope.com/ProductCompliance |
| ROHS | Compliant |
| UK-ROHS | Compliant |

