# CO13JX2-11F020  |  CCA-CAT6-BK-20FT

CommScope® Category 6 U/UTP Cord, Plenum, RJ45 to Ceiling connector, 20 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  |  Latin America  |  North 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** | 6.1 m  |  20.013 ft |
| **Compatible Conductor Gauge, stranded** | 24 AWG |

## Wiring Diagram

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| | 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**                      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 |

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| | |
|---|---|
| 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 |

## Included Products

| 760244061<br>CCA-BK | – | Unshielded Ceiling Connector Assembly (CCA) without cordage,<br>Black |
|---|---|---|

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# 760244061 | CCA-BK

Unshielded Ceiling Connector Assembly (CCA) without cordage, 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
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- 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** | Black |
| **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 |

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# 760244061 | CCA-BK

## 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

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