



## CommScope® Category 6A U/UTP Cord, Plenum, RJ45 to Ceiling connector, 18 in, 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>	Asia   Australia/New Zealand   Latin America   North America
<b>Portfolio</b>	CommScope®
<b>Product Type</b>	Twisted pair patch cord

## General Specifications

<b>ANSI/TIA Category</b>	6A
<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
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### Regulatory Compliance/Certifications

Agency	Classification
CHINA-ROHS	Below maximum concentration value

# CO1SJO2-11N018 | CCA-CAT6A-BK-18IN

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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 <a href="http://www.commscope.com/ProductCompliance">www.commscope.com/ProductCompliance</a>
ROHS	Compliant
UK-ROHS	Compliant



## Included Products

760244061 CCA-BK	- Unshielded Ceiling Connector Assembly (CCA) without cordage, Black
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## 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

## Material Specifications

<b>Contact Plating Material</b>	Precious metals
<b>IDC Termination Material</b>	Phosphor Bronze
<b>Material Type</b>	High-impact, flame retardant, thermoplastic   Phosphor Bronze

## Mechanical Specifications

<b>Plug Insertion Life, minimum</b>	750 times
<b>Plug Retention Force, minimum</b>	44.645 kg/m   30 lb/ft

## 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>	Low Smoke Zero Halogen (LSZH)   Plenum
<b>Flammability Rating</b>	UL 94 V-0
<b>Safety Standard</b>	ETL   cETL

## Packaging and Weights

<b>Packaging quantity</b>	1
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## Regulatory Compliance/Certifications

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