



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

Portfolio	CommScope®
Product Type	Twisted pair patch cord
Regional Availability	North America

Dimensions

Cord Length	457.20 mm 18.00 in
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Electrical Specifications

ANSI/TIA Category	6
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Environmental Specifications

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

General Specifications

Cable Type	U/UTP (unshielded)
Interface, connector A	Ceiling connector
Interface, connector B	RJ45 plug
Jacket Color	Black
Interface Feature, connector A	Standard
Interface Feature, connector B	Standard
Package Quantity	1
Pairs, quantity	4

Mechanical Specifications

Conductor Type	Solid
Conductor Gauge, stranded	24 AWG
Contact Plating Material	Precious metals
Material Type	Copper alloy High-impact, flame retardant, thermoplastic
Plug Insertion Life, minimum	750 times
Plug Retention Force, minimum	133 N 30 lbf
Wiring	T568B

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

Regulatory Compliance/Certifications

Agency	Classification
RoHS 2011/65/EU	Compliant
ISO 9001:2015	Designed, manufactured and/or distributed under this quality management system



Included Products

760234921 — Ceiling Connector Assembly (CCA) without cordage



Ceiling Connector Assembly (CCA) without cordage

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Product Classification

Portfolio	CommScope®
Product Type	Connector kit
Regional Availability	Asia Australia/New Zealand EMEA Latin America North America

Dimensions

Depth	51.82 mm 2.04 in
Height	27.18 mm 1.07 in
Width	35.56 mm 1.40 in

Electrical Specifications

ANSI/TIA Category	6A
Contact Resistance Variation, maximum	20 mOhm
Contact Resistance, maximum	100 mOhm
Current Rating	1.5 A @ 20 °C 1.5 A @ 68 °F
Dielectric Withstand Voltage, RMS, contact-to-contact	1000 Vac @ 60 Hz
Insulation Resistance, minimum	500 MOhm

Environmental Specifications

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

General Specifications

Color	Electrical white
Cable Type	U/UTP (unshielded)
Package Quantity	1

Mechanical Specifications

Conductor Gauge, solid	26–22 AWG
Conductor Gauge, stranded	26–22 AWG
Conductor Type	Solid Stranded
Contact Plating Material	Precious metals
Material Type	Copper alloy High-impact, flame retardant, thermoplastic
Plug Insertion Life, minimum	750 times
Plug Retention Force, minimum	30 lb/ft 133 N

Regulatory Compliance/Certifications

Agency	Classification
RoHS 2011/65/EU	Compliant
ISO 9001:2015	Designed, manufactured and/or distributed under this quality management system

