

# COP1KZ2-88F040

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## CommScope® Category 6A, F/UTP Cord, Shielded, LSZH , RJ45 to Ceiling connector, 40 ft, 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
- Category 6A

## Product Classification

<b>Regional Availability</b>	Asia   Australia/New Zealand   Europe
<b>Portfolio</b>	CommScope®
<b>Product Type</b>	Twisted pair patch cord

## General Specifications

<b>ANSI/TIA Category</b>	6A
<b>Cable Type</b>	F/UTP (shielded)
<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>	White
<b>Pairs, quantity</b>	4
<b>Wiring</b>	T568B

## Dimensions

<b>Cord Length</b>	12.19 m   39.993 ft
<b>Compatible Conductor Gauge, stranded</b>	24 AWG

## Wiring Diagram

# COP1KZ2-88F040

	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 | Stainless Steel  
Contact Spring | Zinc Die Cast Shield

## 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

2

## Regulatory Compliance/Certifications

### Agency

### Classification

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CHINA-ROHS

Below maximum concentration value

REACH-SVHC

Compliant as per SVHC revision on [www.commscope.com/ProductCompliance](http://www.commscope.com/ProductCompliance)

ROHS

Compliant



## Included Products

- 760234921 - Ceiling Connector Assembly (CCA) without cordage



## Ceiling Connector Assembly (CCA) without cordage

- 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

**Material Type**

Copper alloy | High-impact, flame retardant, thermoplastic | Stainless Steel Contact Spring | Zinc Die Cast Shield

## 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](http://www.commscope.com/ProductCompliance)

ROHS

Compliant

