

# COP1KW2-88F050

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## CommScope® Category 6A, F/UTP Cord, Shielded, Plenum , RJ45 to Ceiling connector, 50 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   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>	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>	15.124 m   49.619 ft
<b>Compatible Conductor Gauge, stranded</b>	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 | 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

Plenum

### 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

- 760250028 – Shielded Ceiling Connector Assembly (CCA) without cordage.



## Shielded 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

## Product Classification

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

## General Specifications

<b>ANSI/TIA Category</b>	6   6A
<b>Cable Type</b>	F/FTP (shielded)   F/UTP (shielded)   S/FTP (shielded)
<b>Conductor Type</b>	Solid   Stranded

## Dimensions

<b>Height</b>	29.718 mm   1.17 in
<b>Width</b>	38.862 mm   1.53 in
<b>Depth</b>	73.914 mm   2.91 in
<b>Compatible Conductor Gauge, solid</b>	26–22 AWG
<b>Compatible Conductor Gauge, stranded</b>	26–22 AWG

## Electrical Specifications

<b>Contact Resistance Variation, maximum</b>	20 mOhm
<b>Contact Resistance, maximum</b>	100 mOhm
<b>Current Rating at Temperature</b>	1.5 A @ 20 °C   1.5 A @ 68 °F
<b>Insulation Resistance, minimum</b>	500 MOhm

## Material Specifications

<b>Contact Plating Material</b>	Precious metals
<b>Material Type</b>	Copper alloy   High-impact, flame retardant, thermoplastic   Stainless Steel

# 760250028

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Contact Spring | Zinc Die Cast Shield

## 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>	5
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## Regulatory Compliance/Certifications

<b>Agency</b>	<b>Classification</b>
CHINA-ROHS	Below maximum concentration value
REACH-SVHC	Compliant as per SVHC revision on <a href="http://www.commscope.com/ProductCompliance">www.commscope.com/ProductCompliance</a>
ROHS	Compliant

