

COP1KZ2-88F050



CommScope® Category 6A, F/UTP Cord, Shielded, LSZH , 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

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

General Specifications

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

Dimensions

Cord Length	15.24 m 50 ft
Compatible Conductor Gauge, solid	24 AWG

Wiring Diagram

COP1KZ2-88F050

	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

COP1KZ2-88F050

CHINA-ROHS

Below maximum concentration value

REACH-SVHC

Compliant as per SVHC revision on www.commscope.com/ProductCompliance

ROHS

Compliant



Included Products

760250028

- Shielded Ceiling Connector Assembly (CCA) without cordage.



Shielded Ceiling Connector Assembly (CCA) without cordage.

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- 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

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	F/FTP (shielded) F/UTP (shielded) S/FTP (shielded)
Conductor Type	Solid Stranded

Dimensions

Height	29.718 mm 1.17 in
Width	38.862 mm 1.53 in
Depth	73.914 mm 2.91 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
Insulation Resistance, minimum	500 MOhm

Material Specifications

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

760250028

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	5
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Regulatory Compliance/Certifications

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CHINA-ROHS	Below maximum concentration value
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