COP1KZ2-88N018

CommScope® Category 6A, F/UTP Cord, Shielded, LSZH , RJ45 to Ceiling connector, 1.5 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	0.45 m	1.476 ft
Compatible Conductor Gauge, solid	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

Conductor Material	Bare copper
Contact Plating Material	Gold over nickel
Material Type	Phosphor bronze contacts | Polycarbonate plug housing

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
ROHS	Compliant
UK-ROHS	Compliant

Included Products

760250028 ECO CCA-SHLD-5	–	Shielded Ceiling Connector Assembly (CCA) without cordage, Silver (5 ea /pkg)

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760250028 | ECO CCA-SHLD-5

Shielded Ceiling Connector Assembly (CCA) without cordage, Silver (5 ea /pkg)

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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 | 21 AWG (for CommScope GigaREACH cable only)
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
IDC Termination Material	Phosphor Bronze

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760250028　|　ECO CCA-SHLD-5

Material Type	High-impact, flame retardant, thermoplastic	Phosphor Bronze	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	5

Regulatory Compliance/Certifications

Agency	Classification
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