



MiNo6 Series Category 6 Performance U/UTP Reduced Diameter LS-CM Dual Rated Patch Cord, Dark Gray Jacket

Product Classification

Portfolio	CommScope®
Product Type	Twisted pair patch cord
Regional Availability	Asia Australia/New Zealand EMEA Latin America North America

Dimensions

Cord Length, maximum	10 m 33 ft
Cord Length, minimum	1 m 3 ft

Electrical Specifications

ANSI/TIA Category	6 (except wire gauge)
dc Resistance, maximum	0.30 ohm
Safety Voltage Rating	300 V

Environmental Specifications

Environmental Space	Low Smoke Zero Halogen (LSZH) Non-plenum
Flammability Rating	UL 94 V-0
Operating Temperature	-10 °C to +60 °C (+14 °F to +140 °F)
Safety Standard	cETL ETL

General Specifications

Cable Type	U/UTP (unshielded)
Interface, connector A	RJ45 plug
Interface, connector B	RJ45 plug
Jacket Color	Dark gray
Brand	CommScope®
Interface Feature, connector A	Standard
Interface Feature, connector B	Standard
Package Quantity	1
Pairs, quantity	4

Mechanical Specifications

Conductor Type	Stranded
Contact Plating Material	Precious metals
Material Type	Copper alloy Polycarbonate
Plug Insertion Life, minimum	750 times
Plug Retention Force, minimum	90 N 20 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 9001:2008	Designed, manufactured and/or distributed under this quality management system



Included Products

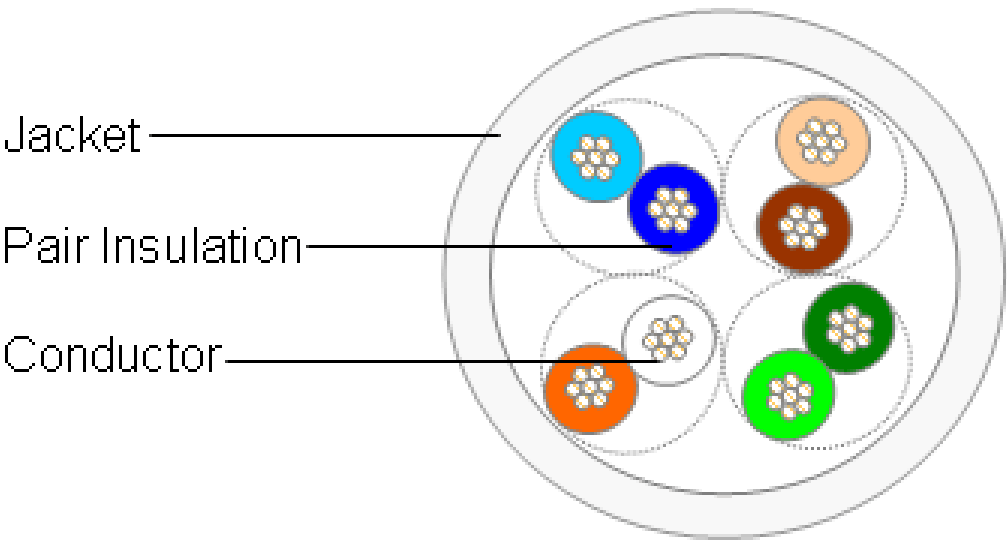
CC884011444/BU | CCM6CMZH DGY 4/28 SR U/UTP RL BULK (Product Component—not orderable) — CCM6CMZH Category 6 U/UTP Cable, LSZH, dark gray jacket, 4 pair count, bulk length, reel

CCM6CMZH Category 6 U/UTP Cable, LSZH, dark gray jacket, 4 pair count, bulk length, reel

Product Classification

Portfolio	CommScope®
Product Type	Twisted pair cable
Regional Availability	Asia Australia/New Zealand EMEA Latin America

Cross Section Drawing



Construction Materials

Jacket Material	Low Smoke Zero Halogen (LSZH)
Conductor Material	Tinned copper
Insulation Material	Polyolefin

Dimensions

Cable Length, special	Bulk length
Cable Weight	11.80 lb/kft
Diameter Over Jacket, maximum	3.835 mm 0.151 in
Jacket Thickness	0.597 mm 0.024 in

Electrical Specifications

ANSI/TIA Category	6
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dc Resistance Unbalance, maximum	5 %
dc Resistance, maximum	23.00 ohms/100 m
Mutual Capacitance	5.6 nF/100 m @ 1 kHz
Nominal Velocity of Propagation (NVP)	68 %
Operating Frequency, maximum	250 MHz
Transmission Standards	ANSI/TIA-568-C.2 CENELEC EN 50288-3-1 ISO/IEC 11801 Class E
Safety Voltage Rating	300 V
Dielectric Strength, minimum	1500 Vac 2500 Vdc
Note	The Insertion Loss is derated by 100%

Environmental Specifications

Environmental Space	Low Smoke Zero Halogen (LSZH)
Flame Test Method	CM-LS IEC 60332-1
Installation Temperature	0 °C to +60 °C (+32 °F to +140 °F)
Operating Temperature	-20 °C to +60 °C (-4 °F to +140 °F)

General Specifications

Cable Type	U/UTP (unshielded)
Packaging Type	Reel
Pairs, quantity	4
Cable Component Type	Cordage
Jacket Color	Dark gray
Product Number	CCM6CMZH
Brand	CommScope®
Conductor Gauge, singles	28 AWG
Conductor Type, singles	Stranded
Conductors, quantity	8

Mechanical Specifications

Pulling Tension, maximum	4 kg 8 lb
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Regulatory Compliance/Certifications

Agency	Classification
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ISO 9001:2008	Designed, manufactured and/or distributed under this quality management system

