CO199K2

Base Product



MiNo6A Cat 6A U/UTP Reduced Diameter RJ45 Patch Cord, LS-CM Dual Rated

- Perfect for cross connects, workstations or racks with higher-density and/or limited space
- Small diameter unshielded twisted pair patch cords (0.195 inch/4.95 mm) that offers flexibility, durability and reliability
- Unique laminate barrier wrap provides excellent alien cross-talk performance
- Designed for Cat 6A applications such as 2.5/5/10 Gbps

Product Classification

Regional Availability	Asia | Australia/New Zealand | EMEA | Latin America | North America
Portfolio	CommScope®
Product Type	Twisted pair patch cord
Product Series	CO | CON | UTG
Ordering Note	Cords < 1 m are valid elements for use in a channel or as an equipment interconnect but due to their limited length are not guaranteed to meet component compliance requirements that were developed to assess the quality of longer cords | Cords > 1 m are authorized for use in channels and are an effective standalone method used to connect active devices

General Specifications

ANSI/TIA Category	6A
Cable Type	U/UTP (unshielded)
Conductor Type	Solid
Interface, Connector A	RJ45 plug
Interface Feature, connector A	Standard
Interface, Connector B	RJ45 plug

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Interface Feature, connector B	Standard
Jacket Color	Black | Blue | Dark gray | Light blue | Orange | Red | Spring green | White | Yellow | Purple/Violet
Pairs, quantity	4
Transmission Standards	ANSI/TIA-568.2-D | ISO/IEC 11801 Class EA
Wiring	T568B

Dimensions

Cable Assembly Length Range (m)	1 – 40
Cable Assembly Length Range (ft)	1 – 131
Cable Assembly Length Range (cm)	15 – 999
Cable Assembly Length Range (in)	6 – 999
Diameter Over Jacket	4.95 mm | 0.195 in
Compatible Conductor Gauge, solid	28 AWG

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

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Electrical Specifications

Contact Resistance, maximum	20 mOhm
Current Rating at Temperature	1.5 A @ 20 °C | 1.5 A @ 68 °F
dc Resistance, maximum	0.3 ohm
Dielectric Withstand Voltage, RMS, contact-to-contact	1,000 Vac @ 60 Hz
Insulation Resistance, minimum	500 MOhm
Remote Powering	Fully supports the safe delivery of power over LAN cabling described by IEEE 802.3bt (Type 4) and complies with the unmating under electrical load requirements prescribed by IEC 60512-99-002
PoE Durability	Supports IEEE 802.3bt Type 4 (90 W) applications greater than 3000 plug to jack mating cycles
Safety Voltage Rating	300 V

Ordering Tree

CO						-	9	10	11	12	
							0	1	F	0	5	0

Outlet Color (9)

0	Not applicable
1	Black
2	Blue
3	Gray
4	Green
5	Ivory
6	Orange
7	Red
8	White
9	Yellow
B	Lilac

Jacket Color (10)

1	Black
2	Light blue
3	Dark gray
4	Spring green
5	Ivory
6	Orange
7	Red
8	White
9	Yellow
B	Lilac
C	Gray
K	Pink
L	Violet
M	Green
Z	Blue

UOM (11)

F	Foot
M	Meter
N	Inch
C	Centimeter

Length (12)

XXX

Notes

- Cords > 1m are authorized for use in channels and are an effective standalone method used to connect active devices
- Cords < 1m are also valid elements for use in a channel or as an equipment interconnect but due to their limited length are not guaranteed to meet component compliance requirements that were developed to assess the quality of longer cords

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Material Specifications

Conductor Material	Bare copper
Contact Plating Material	Gold over nickel
Jacket Material	Low Smoke Zero Halogen (LSZH)

Mechanical Specifications

Plug Retention Force, minimum	50 N | 11.24 lbf
Plug to Jack Mating Cycles	Complies to IEC 60603-7 series

Environmental Specifications

Operating Temperature	-10 °C to +75 °C (+14 °F to +167 °F)
Storage Temperature	-40 °C to +70 °C (-40 °F to +158 °F)
Environmental Space	Non-plenum | Low Smoke Zero Halogen (LSZH)
Flammability Rating	UL 94 V-0
Safety Standard	ETL | cETL | Anatel

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
ROHS	Compliant
UK-ROHS	Compliant



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