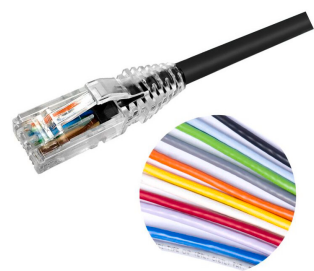


Base Product



CommScope® Cat 5e U/UTP RJ45 Patch Cord, Non-Plenum

Product Classification

Regional Availability	Asia Australia/New Zealand Latin America North America
Portfolio	CommScope®
Product Type	Twisted pair patch cord
Product Series	CHD CO
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	5e
Cable Type	U/UTP (unshielded)
Conductor Type	Stranded
Interface, Connector A	RJ45 plug
Interface Feature, connector A	Standard
Interface, Connector B	RJ45 plug
Interface Feature, connector B	Standard
Jacket Color	Black Blue Green Orange Red Slate/Gray White
Pairs, quantity	4
Transmission Standards	ANSI/TIA-568.2-D ISO/IEC 11801 Class D
Wiring	T568B

Dimensions

Cable Assembly Length Range (m)	1 – 30
Cable Assembly Length Range (ft)	1 – 100
Cable Assembly Length Range (cm)	15 – 999
Cable Assembly Length Range (in)	6 – 999
Diameter Over Jacket	5.36 mm 0.211 in
Compatible Conductor Gauge, stranded	24 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

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

0

10

1

11

F

12

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

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

UOM

11	F	Foot
	M	Meter
	N	Inch
	C	Centimeter

Length

12	XXX
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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

Material Specifications

Conductor Material	Tinned copper
Contact Plating Material	Gold over nickel
Jacket Material	Polyvinyl Chloride

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 +60 °C (+14 °F to +140 °F)
Storage Temperature	-40 °C to +70 °C (-40 °F to +158 °F)
Environmental Space	Non-plenum
Flammability Rating	UL 94 V-0
Safety Standard	ETL cETL Anatel

Packaging and Weights

Packaging quantity	1
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Regulatory Compliance/Certifications

Agency	Classification
CHINA-ROHS	Below maximum concentration value
ISO 9001:2015	Designed, manufactured and/or distributed under this quality management system
REACH-SVHC	Compliant as per SVHC revision on www.commscope.com/ProductCompliance
ROHS	Compliant
UK-ROHS	Compliant

