

CPC8641

110 to D8PS 4 Pair Hybrid Patch Cord A-wired

Product Classification

Regional Availability	Asia Australia/New Zealand EMEA Latin America North America
Portfolio	CommScope®
Product Type	Twisted pair patch cord
Product Series	CPC
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	110 plug
Interface Feature, connector A	Standard
Interface, Connector B	RJ45 plug
Interface Feature, connector B	Standard
Jacket Color	Black Blue Dark gray Light blue Lilac Orange Red Spring green White Yellow
Pairs, quantity	4
Transmission Standards	IEEE 802.3bt Type 4
Wiring	T568A

Dimensions

Cable Assembly Length Range (m)	1 – 30
Cable Assembly Length Range (ft)	1 – 100
Diameter Over Jacket	5.72 mm 0.225 in
Compatible Conductor Gauge, stranded	24 AWG

Wiring Diagram

CPC8641

	Connector A	Connector B
Position 1	Lt. Blue	Lt. Green
Position 2	Blue	Green
Position 3	White/Green	White/Orange
Position 4	Green	Blue
Position 5	White/Orange	Lt. Blue
Position 6	Orange	Orange
Position 7	Lt. Brown	Lt. Brown
Position 8	Brown	Brown

Electrical Specifications

dc Resistance, maximum 0.3 ohm

Ordering Tree

CPC-

9

10

11

12

0

1

F

0

5

0

Outlet Color	
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
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

Material Specifications

Contact Plating Material Precious metals

Material Type Copper alloy | Polycarbonate

Mechanical Specifications

CPC8641

Plug Insertion Life, minimum	200 times
Plug Retention Force, minimum	44 N 9.892 lbf

Environmental Specifications

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

Packaging and Weights

Packaging quantity	1
--------------------	---

Regulatory Compliance/Certifications

Agency	Classification
ISO 9001:2015	Designed, manufactured and/or distributed under this quality management system

