

# CPC8862

## Base Product



## 110 to 110 1 Pair Patch Cord

## Product Classification

<b>Regional Availability</b>	Asia   Australia/New Zealand   EMEA   Latin America   North America
<b>Portfolio</b>	CommScope®
<b>Product Type</b>	Twisted pair patch cord
<b>Product Series</b>	CPC
<b>Ordering Note</b>	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

<b>ANSI/TIA Category</b>	5e
<b>Cable Type</b>	U/UTP (unshielded)
<b>Conductor Type</b>	Stranded
<b>Interface, Connector A</b>	110 plug
<b>Interface Feature, connector A</b>	Standard
<b>Interface, Connector B</b>	110 plug
<b>Interface Feature, connector B</b>	Standard
<b>Jacket Color</b>	Dark gray
<b>Pairs, quantity</b>	1
<b>Transmission Standards</b>	IEEE 802.3bt Type 4
<b>Wiring</b>	110

## Dimensions

<b>Cable Assembly Length Range (m)</b>	1 – 30
<b>Cable Assembly Length Range (ft)</b>	1 – 100
<b>Diameter Over Jacket</b>	3.56 mm   0.14 in

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Compatible Conductor Gauge, stranded

24 AWG

## Wiring Diagram

	Connector A	Connector B
Position 1	Lt. Blue	Lt. Blue
Position 2	Blue	Blue
Position 3		
Position 4		
Position 5		
Position 6		
Position 7		
Position 8		

## Electrical Specifications

dc Resistance, maximum

0.3 ohm

## Ordering Tree

CPC     -

### 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

### 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

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<b>Contact Plating Material</b>	Precious metals
<b>Material Type</b>	Copper alloy   Polycarbonate

## Mechanical Specifications

<b>Plug Insertion Life, minimum</b>	200 times
<b>Plug Retention Force, minimum</b>	18 N   4.047 lbf

## Environmental Specifications

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

## Packaging and Weights

<b>Packaging quantity</b>	1
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## Regulatory Compliance/Certifications

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

## Included Products

848202800 1074C DG 1/24 RVAR	–	GigaSPEED XL® 1074C Category 5e U/UTP Cable, non-plenum, dark gray jacket, 1 pair count, variable length, reel
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# 848202800 | 1074C DG 1/24 RVAR

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GigaSPEED XL® 1074C Category 5e U/UTP Cable, non-plenum, dark gray jacket, 1 pair count, variable length, reel

## Product Classification

<b>Regional Availability</b>	Asia   Australia/New Zealand   EMEA   Latin America   North America
<b>Portfolio</b>	SYSTIMAX®
<b>Product Type</b>	Twisted pair cable
<b>Product Brand</b>	GigaSPEED XL®

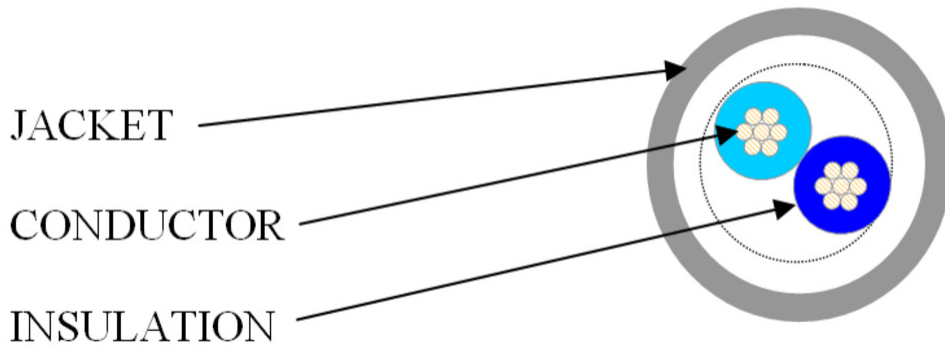
## General Specifications

<b>Product Number</b>	1074C
<b>ANSI/TIA Category</b>	5e
<b>Cable Component Type</b>	Cordage
<b>Cable Type</b>	U/UTP (unshielded)
<b>Conductor Type, singles</b>	Stranded
<b>Conductors, quantity</b>	2
<b>Jacket Color</b>	Dark gray
<b>Pairs, quantity</b>	1
<b>Transmission Standards</b>	ANSI/TIA-568.2-D   CENELEC EN 50288-3-1   ISO/IEC 11801 Class D

## Dimensions

<b>Cable Length, special</b>	Variable length
<b>Diameter Over Jacket, nominal</b>	3.556 mm   0.14 in
<b>Jacket Thickness</b>	0.686 mm   0.027 in
<b>Conductor Gauge, singles</b>	24 AWG

## Cross Section Drawing



## Electrical Specifications

<b>dc Resistance Unbalance, maximum</b>	5 %
<b>dc Resistance, maximum</b>	9.38 ohms/100 m   2.859 ohms/100 ft
<b>Dielectric Strength, minimum</b>	1500 Vac   2500 Vdc
<b>Mutual Capacitance at Frequency</b>	5.6 nF/100 m @ 1 kHz
<b>Nominal Velocity of Propagation (NVP)</b>	65 %
<b>Operating Frequency, maximum</b>	250 MHz
<b>Operating Voltage, maximum</b>	80 V
<b>Remote Powering</b>	Fully complies with the recommendations set forth by IEEE 802.3bt (Type 4) for the safe delivery of power over LAN cable when installed according to ISO/IEC 14763-2, CENELEC EN 50174-1, CENELEC EN 50174-2 or TIA TSB-184-A
<b>Safety Voltage Rating</b>	300 V

## Material Specifications

<b>Conductor Material</b>	Tinned copper
<b>Insulation Material</b>	Polyolefin
<b>Jacket Material</b>	PVC

## Mechanical Specifications

<b>Pulling Tension, maximum</b>	2.722 kg   6 lb
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## Environmental Specifications

<b>Installation temperature</b>	0 °C to +60 °C (+32 °F to +140 °F)
<b>Operating Temperature</b>	-20 °C to +60 °C (-4 °F to +140 °F)

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**Environmental Space** Non-plenum

**Flame Test Method** CM

## Packaging and Weights

**Cable weight** 14.882 kg/km | 10 lb/kft

**Packaging Type** Reel

## Regulatory Compliance/Certifications

### Agency

ISO 9001:2015

### Classification

Designed, manufactured and/or distributed under this quality management system