#### **Base Product**

### GigaSPEED® 110GS to GS8E 4 Pair Hybrid Patch Cord

#### This product will be discontinued on: July 1, 2024 Product Classification **Regional Availability** Asia | Australia/New Zealand | EMEA | Latin America | North America Portfolio **SYSTIMAX® Product Type** Twisted pair patch cord **Product Brand GigaSPEED®** 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** 6 Cable Type U/UTP (unshielded) **Conductor Type** Stranded Interface, Connector A 110 plua Interface Feature, connector A Standard Interface, Connector B RJ45 plug Interface Feature, connector B Standard **Jacket Color** Black | Blue | Dark gray | Green | Light blue | Lilac | Orange | Pink | Red | Spring green | White | Yellow Pairs, quantity 4

Transmission Standards Wiring

### Dimensions

Cable Assembly Length Range (m)	1 - 30
Cable Assembly Length Range (ft)	1 - 100

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T568B

IEEE 802.3bt Type 4



# CPC8312

**Diameter Over Jacket** 

Compatible Conductor Gauge, stranded

5.97 mm | 0.235 in

24 AWG

### Wiring Diagram

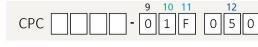
	Connector A	Connector B
Position 1	Lt. Blue	White/Orange
Position 2	Blue	Orange
Position 3	White/Orange	Lt. Green
Position 4	Orange	Blue
Position 5	Lt. Green	Lt. Blue
Position 6	Green	Green
Position 7	Lt. Brown	Lt. Brown
Position 8	Brown	Brown

## **Electrical Specifications**

dc Resistance, maximum

0.3 ohm

## Ordering Tree



	Not applicable
	Black
	Blue
	Gray
9	Green
	Ivory
	Orange
	Red
	White
	Yellow
	Lilac

_		
	1	Black
	2	Light blue
	3	Dark gray
	4	Spring green
	5	lvory
	6	Orange
	7	Red
10	8	White
	9	Yellow
	В	Lilac
	С	Gray
	К	Pink
	L	Violet
	М	Green
	Z	Blue

11		Foot
	М	Meter
	Ν	Inch
	C	Centimeter

#### 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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# CPC8312

Material Specifica	ations		
Contact Plating Material		Precious metals	
Material Type		Copper alloy   Polycarbonate	
Mechanical Spec	ifications		
Plug Insertion Life, minimum		200 times	
Plug Retention Force, min	imum	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

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