

CPC3316

Base Product



GigaSPEED XL® GS8E Stranded Cordage Rollover Modular Patch Cord

Product Classification

Regional Availability

Asia | Australia/New Zealand | EMEA | Latin America | North America

Portfolio

SYSTIMAX®

Product Type

Twisted pair patch cord

Product Brand

GigaSPEED XL®

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

RJ45 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

Rollover

Dimensions

Cable Assembly Length Range (m)

1 – 30

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Cable Assembly Length Range (ft)	1 – 100
Cable Assembly Length Range (cm)	15 – 999
Cable Assembly Length Range (in)	6 – 999
Diameter Over Jacket	5.97 mm 0.235 in
Compatible Conductor Gauge, stranded	24 AWG

Wiring Diagram

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

Electrical Specifications

dc Resistance, maximum	0.3 ohm
Safety Voltage Rating	300 V

Ordering Tree

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CPC - ⁹ ¹⁰ ¹¹ ¹²

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

Contact Plating Material	Precious metals
Material Type	Copper alloy Polycarbonate

Mechanical Specifications

Plug Insertion Life, minimum	750 times
Plug Retention Force, minimum	133 N 29.9 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
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Regulatory Compliance/Certifications

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