## CPC3312

#### **Base Product**



### GigaSPEED XL® Cat 6 RJ45 Patch Cord, Non-Plenum

### **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 | UTG

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 TypeStrandedInterface, Connector ARJ45 plugInterface Feature, connector AStandardInterface, Connector BRJ45 plugInterface Feature, connector BStandard

Jacket Color Black | Blue | Dark gray | Green | Light

blue | Lilac | Orange | Purple | Red | Spring

green | Violet | White | Yellow

Pairs, quantity

**Transmission Standards** ANSI/TIA-568.2-D | ISO/IEC 11801 Class EA

Wiring T568B

Dimensions

Cable Assembly Length Range (m) 1 - 30

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Cable Assembly Length Range (ft)1-100Cable Assembly Length Range (cm)15-999Cable 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	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**

dc Resistance, maximum 0.3 ohm

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

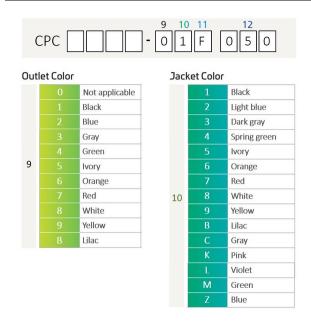
mating cycles

Safety Voltage Rating 300 V

Ordering Tree



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#### **UOM**

11		Foot
	М	Meter
	N	Inch
	С	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

Plug Retention Force, minimum 133 N | 29.9 lbf

Plug to Jack Mating Cycles Complies to IEC 60603-7 series

## **Environmental Specifications**

**Operating Temperature**  $-10 \,^{\circ}\text{C} \text{ to } +60 \,^{\circ}\text{C} \ (+14 \,^{\circ}\text{F to } +140 \,^{\circ}\text{F})$ 

Environmental Space Non-plenum
Flammability Rating UL 94 V-0

Safety Standard Anatel | 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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