# CPCYGJ2

#### **Base Product**

GigaSPEED X10D® G10FP Ruggedized Plug, Domed Strain Relief to G10FP, 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 X10D®

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 6A

Cable Type F/UTP (shielded)

Conductor Type Solid

Interface, Connector A RJ45 plug

Interface Feature, connector A Ruggedized strain relief, domed

Interface, Connector BRJ45 plugInterface Feature, connector BStandard

Jacket Color Black | Dark gray | Green | Light blue | White | Yellow

Pairs, quantity 4

**Transmission Standards** IEEE 802.3bt Type 4

Wiring T568B

#### Dimensions

Cable Assembly Length Range (m) 1 - 30

Cable Assembly Length Range (ft) 1 - 100

**Diameter Over Jacket** 6.71 mm | 0.264 in

Compatible Conductor Gauge, solid 24 AWG



# CPCYGJ2

# Wiring Diagram

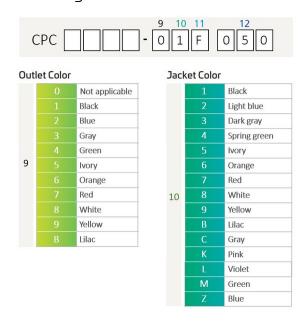
	Connector A	Connector B
Position 1	White/Orange	White/Orange
Position 2	Orange	Orange
Position 3	Lt. Green	Lt. Green
Position 4	Blue	Blue
Position 5	Lt. Blue	Lt. Blue
Position 6	Green	Green
Position 7	Lt. Brown	Lt. Brown
Position 8	Brown	Brown

### **Electrical Specifications**

dc Resistance, maximum

0.3 ohm

## Ordering Tree



#### **UOM**

11		Foot
	М	Meter
	N	Inch
	С	Centimeter

#### Length



#### 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

Page 2 of 3

# CPCYGJ2

### Mechanical Specifications

**Plug Insertion Life, minimum** 750 times

Plug Retention Force, minimum 133 N | 29.9 lbf

# **Environmental Specifications**

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

Environmental SpaceNon-plenumFlammability RatingUL 94 V-0Safety StandardETL | cETL

Packaging and Weights

Packaging quantity

### Regulatory Compliance/Certifications

Compliant

Agency	Classification
CHINA-ROHS	Below maximum concentration value
ISO 9001:2015	Designed, manufactured and/or distributed under this quality management system
REACH-SVHC	Compliant as per SVHC revision on www.commscope.com/ProductCompliance
ROHS	Compliant



**UK-ROHS**