#### **Base Product**



### GigaSPEED X10D® G10FP to G10FP, Class B2ca, F/FTP

### **Product Classification**

Regional Availability EMEA

Portfolio SYSTIMAX®

Product Type Twisted pair patch cord

Product Brand GigaSPEED X10D®

Product Series CA

Ordering Note Cords < 1 m are valid elements for use in a channel or as an equipment

Standard

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

Interface Feature, connector B

ANSI/TIA Category 6A

**Cable Type** F/FTP (shielded)

Conductor Type Solid

Interface, Connector A RJ45 plug

Interface Feature, connector A Standard

**Interface, Connector B** RJ45 plug

Jacket Color White

Pairs, quantity 4

**Transmission Standards**IEEE 802.3bt Type 4

Wiring T568B

**Dimensions** 

Cable Assembly Length Range (m) 1 - 100

Cable Assembly Length Range (ft) 1 - 328

**COMMSCOPE®** 

**Diameter Over Jacket** 

7.01 mm | 0.276 in

Compatible Conductor Gauge, solid

23 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**

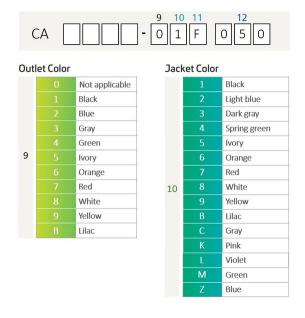
dc Resistance, maximum

0.3 ohm

Safety Voltage Rating

300 V

## Ordering Tree



### MOU

11	F	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

Mechanical Specifications

Plug Insertion Life, minimum 750 times

Plug Retention Force, minimum 133 N | 29.9 lbf

## **Environmental Specifications**

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

**EN50575 CPR Cable EuroClass Fire Performance** B2ca

EN50575 CPR Cable EuroClass Smoke Rating\$1EN50575 CPR Cable EuroClass Droplets Ratingd0

**EN50575 CPR Cable EuroClass Acidity Rating** a1

**Environmental Space** Low Smoke Zero Halogen (LSZH)

Flammability Rating UL 94 V-0
Safety Standard ETL | cETL

Packaging and Weights

Packaging quantity 1

## Regulatory Compliance/Certifications

Agency Classification

CENELEC EN 50575 compliant, Declaration of Performance (DoP) available

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 Compliant



## Included Products

884048458/16 - CS44ZB Category 6A F/FTP Cable, low smoke zero halogen, white jacket, 4 pair count, 1640 ft CS44ZB WHT C6A 4/23 F/FTP

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**RL 500M** 

(500 m) length, reel

