# CA166C2

### **Base Product**

GigaSPEED X10D® Keystone HGS620 to Keystone HGS620 on 3291 Low Smoke Zero Halogen Cable F/UTP Pre-terminated 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 CA

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
Information Outlet Color Black

Interface, Connector A Information outlet

Interface Feature, connector A Standard

Interface, Connector B Information outlet

Interface Feature, connector B Standard

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

**Diameter Over Jacket** 7.52 mm | 0.296 in



Compatible Conductor Gauge, solid

23 AWG

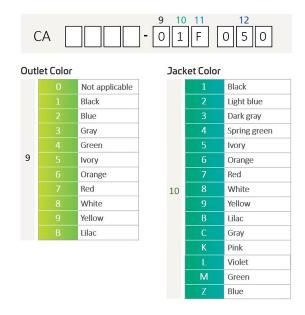
## Wiring Diagram

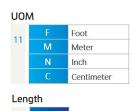
	Connector A	Connector B
Position 1	White/Orange	White/Orange
Position 2	Orange	Orange
Position 3	Lt. Green	Lt. Green
Position 4	Blue	Blue
Position 5	Lt. Blue	Lt. Blue
Position 6	Green	Green
Position 7	Lt. Brown	Lt. Brown
Position 8	Brown	Brown

## **Electrical Specifications**

dc Resistance, maximum0.3 ohmSafety Voltage Rating300 V

# Ordering Tree





#### 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

**COMMSCOPE®** 

# CA166C2

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

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

Flammability Rating UL 94 V-0

Safety Standard ETL | cETL

Packaging and Weights

Packaging quantity

## Regulatory Compliance/Certifications

Agency Classification

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

## Included Products

760139873 – GigaSPEED X10 3291B WHT C6A 4/23 F/UTP pair count, 3000 R3000

GigaSPEED X10D® 3291B Category 6A F/UTP Cable, low smoke zero halogen, white jacket, 4 pair count, 3000 ft (914 m) length, reel

