# CA166C2

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 BStandardJacket ColorWhite

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

**COMMSCOPE®** 

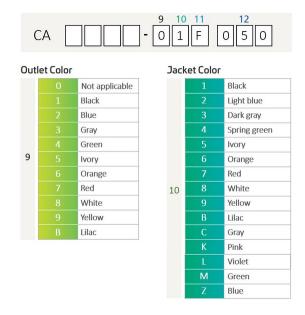
## Wiring Diagram

	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



# | F | Foot | M | Meter | N | Inch | C | 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

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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 1

## Regulatory Compliance/Certifications

#### Agency Classification

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



### Included Products

760139873 3291B WHT C6A 4/23 F/UTP R3000 GigaSPEED X10D® 3291B Category 6A F/UTP Cable, low smoke zero halogen, white jacket, 4 pair count, 3000 ft (914 m) length, reel

