# CA177A2

#### **Base Product**

GigaSPEED X10D® M-series HGS620 to M-series HGS620 on 1291 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 | Blue | Ivory | Orange | Red

Interface, Connector A Information outlet

Interface Feature, connector A Standard

Interface, Connector B Information outlet

Interface Feature, connector B Standard

Jacket Color Blue | Slate | 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

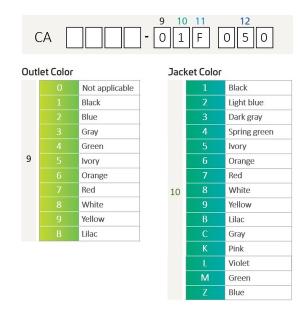
### Wiring Diagram

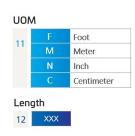
Position 7 Position 8	Lt. Brown Brown	Lt. Brown Brown
Position 6	Green	Green
Position 5	Lt. Blue	Lt. Blue
Position 4	Blue	Blue
Position 3	Lt. Green	Lt. Green
Position 2	Orange	Orange
Position 1	White/Orange	White/Orange
	Connector A	Connector B

# **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®** 

# CA177A2

# 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 °C to +60 °C (+14 °F to +140 °F)

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

Packaging and Weights

Packaging quantity

### Regulatory Compliance/Certifications

Agency Classification

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

