

# CA185T2

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## Base Product



GigaSPEED X10D® G10FP to M-series HGS620 (White), F/FTP, Class B2ca

## Product Classification

<b>Regional Availability</b>	EMEA
<b>Portfolio</b>	SYSTIMAX®
<b>Product Type</b>	Twisted pair patch cord
<b>Product Brand</b>	GigaSPEED X10D®
<b>Product Series</b>	CA
<b>Ordering Note</b>	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

<b>ANSI/TIA Category</b>	6A
<b>Cable Type</b>	F/FTP (shielded)
<b>Conductor Type</b>	Solid
<b>Information Outlet Color</b>	White
<b>Interface, Connector A</b>	RJ45 plug
<b>Interface Feature, connector A</b>	Standard
<b>Interface, Connector B</b>	Information outlet
<b>Interface Feature, connector B</b>	Standard
<b>Jacket Color</b>	White
<b>Pairs, quantity</b>	4
<b>Transmission Standards</b>	IEEE 802.3bt Type 4
<b>Wiring</b>	T568B

## Dimensions

<b>Cable Assembly Length Range (m)</b>	1 – 100
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<b>Cable Assembly Length Range (ft)</b>	1 – 328
<b>Diameter Over Jacket</b>	7.01 mm   0.276 in
<b>Compatible Conductor Gauge, solid</b>	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

<b>dc Resistance, maximum</b>	0.3 ohm
<b>Safety Voltage Rating</b>	300 V

## Ordering Tree

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## Outlet Color

0	Not applicable
1	Black
2	Blue
3	Gray
4	Green
5	Ivory
6	Orange
7	Red
8	White
9	Yellow
B	Lilac

## Jacket Color

1	Black
2	Light blue
3	Dark gray
4	Spring green
5	Ivory
6	Orange
7	Red
8	White
9	Yellow
B	Lilac
C	Gray
K	Pink
L	Violet
M	Green
Z	Blue

## UOM

11	F	Foot
	M	Meter
	N	Inch
	C	Centimeter

## Length

12

## 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 °C to +60 °C (+14 °F to +140 °F)

### EN50575 CPR Cable EuroClass Fire Performance

B2ca

### EN50575 CPR Cable EuroClass Smoke Rating

s1

### EN50575 CPR Cable EuroClass Droplets Rating

d0

### 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

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## Regulatory Compliance/Certifications

### Agency

CENELEC

ISO 9001:2015



### Classification

EN 50575 compliant, Declaration of Performance (DoP) available

Designed, manufactured and/or distributed under this quality management system

## Included Products

760152801

HGS620

– GigaSPEED X10D® HGS-Series Modular Jack, RJ45, Cat6A, Shielded, Silver

884048458/16

CS44ZB WHT C6A 4/23 F/FTP  
RL 500M

– CS44ZB Category 6A F/FTP Cable, low smoke zero halogen, white jacket, 4 pair count, 1640 ft (500 m) length, reel