

# CA1G562

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## Base Product

GigaSPEED X10D® G10FP to HGS620 on 2295 Solid Plenum Cordage F/UTP Zone Extension Cord

## Product Classification

|                              |   |
|------------------------------|---|
| <b>Regional Availability</b> | Asia   Australia/New Zealand   EMEA   Latin America   North America   |
| <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/UTP (shielded)         |
| <b>Conductor Type</b>                 | Solid                    |
| <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>                   | Blue   Dark gray   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            |
| <b>Cable Assembly Length Range (ft)</b>  | 1 – 328            |
| <b>Diameter Over Jacket</b>              | 6.73 mm   0.265 in |
| <b>Compatible Conductor Gauge, solid</b> | 24 AWG             |

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## 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

CA     -

9    10 11    12

### 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 | 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

|                                 |                 |
|---------------------------------|-----------------|
| <b>Contact Plating Material</b> | Precious metals |
|---------------------------------|-----------------|

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**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 Space** Plenum

**Flammability Rating** UL 94 V-0

**Safety Standard** ETL | cETL

## Packaging and Weights

**Packaging quantity** 1

## Regulatory Compliance/Certifications

| Agency        | Classification   |
|---------------|--|
| 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 <a href="http://www.commscope.com/ProductCompliance">www.commscope.com/ProductCompliance</a> |
| ROHS          | Compliant  |
| UK-ROHS       | Compliant  |

