

# CPC3315

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## Base Product



GigaSPEED XL® GS8E 1/10GBASE-T MDI-X Crossover Stranded Cordage Modular Patch 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 XL®                                                                                                                                                                                                                                                                                                                                                     |
| <b>Product Series</b>        | CPC                                                                                                                                                                                                                                                                                                                                                               |
| <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>              | 6                                                                                            |
| <b>Cable Type</b>                     | U/UTP (unshielded)                                                                           |
| <b>Conductor Type</b>                 | Stranded                                                                                     |
| <b>Interface, Connector A</b>         | RJ45 plug                                                                                    |
| <b>Interface Feature, connector A</b> | Standard                                                                                     |
| <b>Interface, Connector B</b>         | RJ45 plug                                                                                    |
| <b>Interface Feature, connector B</b> | Standard                                                                                     |
| <b>Jacket Color</b>                   | Black   Blue   Dark gray   Light blue   Lilac   Orange   Red   Spring green   White   Yellow |
| <b>Pairs, quantity</b>                | 4                                                                                            |
| <b>Transmission Standards</b>         | IEEE 802.3bt Type 4                                                                          |
| <b>Wiring</b>                         | 1/10G BASE-T crossover                                                                       |

## Dimensions

|                                        |        |
|----------------------------------------|--------|
| <b>Cable Assembly Length Range (m)</b> | 1 – 30 |
|----------------------------------------|--------|

# CPC3315

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|                                             |                    |
|---------------------------------------------|--------------------|
| <b>Cable Assembly Length Range (ft)</b>     | 1 – 100            |
| <b>Cable Assembly Length Range (cm)</b>     | 15 – 999           |
| <b>Cable Assembly Length Range (in)</b>     | 6 – 999            |
| <b>Diameter Over Jacket</b>                 | 5.97 mm   0.235 in |
| <b>Compatible Conductor Gauge, stranded</b> | 24 AWG             |

## Wiring Diagram

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

## Electrical Specifications

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

## Ordering Tree

# CPC3315

CPC     - <sup>9</sup> <sup>10</sup> <sup>11</sup> <sup>12</sup>

## Outlet Color

|   |   |                |
|---|---|----------------|
| 9 | 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

|    |   |              |
|----|---|--------------|
| 10 | 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

### 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 Space

Non-plenum

### Flammability Rating

UL 94 V-0

### Safety Standard

ETL | cETL

## Packaging and Weights

### Packaging quantity

1

## Regulatory Compliance/Certifications

### Agency

ISO 9001:2015

### Classification

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