

CPC3315



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

Dimensions

| | |
|---|---------|
| Cable Assembly Length Range (m) | 1 – 30 |
| Cable Assembly Length Range (ft) | 1 – 100 |

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| | |
|---|--------------------|
| Cable Assembly Length Range (cm) | 15 – 999 |
| Cable Assembly Length Range (in) | 6 – 999 |
| Diameter Over Jacket | 5.97 mm 0.235 in |
| Compatible Conductor Gauge, stranded | 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

| | |
|-------------------------------|---------|
| dc Resistance, maximum | 0.3 ohm |
| Safety Voltage Rating | 300 V |

Ordering Tree

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CPC - ⁹ ¹⁰ ¹¹ ¹²

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

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