

GigaSPEED X10D® G10FP Ruggedized Plug, Domed Strain Relief to G10FP, 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 X10D® |
| 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 | 6A |
| Cable Type | F/UTP (shielded) |
| Conductor Type | Solid |
| Interface, Connector A | RJ45 plug |
| Interface Feature, connector A | Ruggedized strain relief, domed |
| Interface, Connector B | RJ45 plug |
| Interface Feature, connector B | Standard |
| Jacket Color | Black Dark gray Green Light blue White Yellow |
| Pairs, quantity | 4 |
| Transmission Standards | IEEE 802.3bt Type 4 |
| Wiring | T568B |

Dimensions

| | |
|--|--------------------|
| Cable Assembly Length Range (m) | 1 – 30 |
| Cable Assembly Length Range (ft) | 1 – 100 |
| Diameter Over Jacket | 6.71 mm 0.264 in |
| Compatible Conductor Gauge, solid | 24 AWG |

Wiring Diagram

CPCYGGJ2

| | 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

dc Resistance, maximum 0.3 ohm

Ordering Tree

CPC - 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

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

CPCYGJ2

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 |
|---------------|--|
| 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 www.commscope.com/ProductCompliance |
| ROHS | Compliant |
| UK-ROHS | Compliant |

