# CPC2222

#### **Base Product**



# GigaSPEED XL® MGS400 to MGS400 on 3071 Solid Low Smoke Zero Halogen Cable Pre-terminated 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<br>due to their limited length are not guaranteed to meet component compliance<br>requirements that were developed to assess the quality of longer cords   Cords > 1 m<br>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                 | Solid               |
| Information Outlet Color       | Black               |
| Interface, Connector A         | Information outlet  |
| Interface Feature, connector A | Standard            |
| Interface, Connector B         | Information outlet  |
| Interface Feature, connector B | Standard            |
| Jacket Color                   | Blue   White        |
| Pairs, quantity                | 4                   |
| Transmission Standards         | IEEE 802.3bt Type 4 |
| Wiring                         | T568B               |
|                                |                     |

## Dimensions

Page 1 of 4



# CPC2222

| Cable Assembly Length Range (m)   | 1 – 100            |
|-----------------------------------|--------------------|
| Cable Assembly Length Range (ft)  | 1 – 328            |
| Diameter Over Jacket              | 5.92 mm   0.233 in |
| Compatible Conductor Gauge, solid | 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**

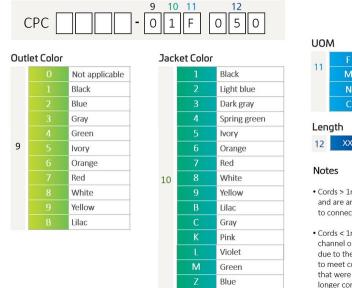
| dc Resistance, maximum | 0.3 ohm |
|------------------------|---------|
| Safety Voltage Rating  | 300 V   |

## Ordering Tree

Page 2 of 4



# CPC2222



# 11 F Foot 11 M Meter N Inch C Centimeter

 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   | Low Smoke Zero Halogen (LSZH)        |
| Flammability Rating   | UL 94 V-0                            |

## Packaging and Weights

Packaging quantity

#### 1

## Regulatory Compliance/Certifications

#### Classification

Agency

ISO 9001:2015

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

Page 3 of 4



## Included Products

700206667 MGS400-BK  GigaSPEED XL® M-Series Modular Jack, RJ45, Cat6 Unshielded, Black

Page 4 of 4

