# CPC2472

#### **Base Product**



# GigaSPEED XL® MGS400 Single-ended Plenum Pre-terminated Cord

Regional Availability

Portfolio

Product Type

Product Brand

**Product Series** 

**Ordering Note** 

Asia | Australia/New Zealand | EMEA | Latin America | North America SYSTIMAX® Twisted pair patch cord GigaSPEED XL® CPC 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	Solid
Information Outlet Color	Black   Blue   Gray   Green   Ivory   Orange   Red   White   Yellow
Interface, Connector A	Information outlet
Interface Feature, connector A	Standard
Interface, Connector B	Unterminated
Interface Feature, connector B	Standard
Jacket Color	Black   Blue   Lilac   Orange   Red   Slate   Spring green   White   Yellow
Pairs, quantity	4
Transmission Standards	IEEE 802.3bt Type 4
Wiring	T568B

Page 1 of 3

©2024 CommScope, Inc. All rights reserved. CommScope and the CommScope logo are registered trademarks of CommScope and/or its affiliates in the U.S. and other countries. For additional trademark information see https://www.commscope.com/trademarks. All product names, trademarks and registered trademarks are property of their respective owners. Revised: November 29, 2023



# CPC2472

# Dimensions

Cable Assembly Length Range (m)	1 – 100
Cable Assembly Length Range (ft)	1 – 328
Diameter Over Jacket	5.74 mm   0.226 in
Compatible Conductor Gauge, solid	23 AWG

# Wiring Diagram

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

# **Electrical Specifications**

dc Resistance, maximum	0.3 ohm
Safety Voltage Rating	300 V

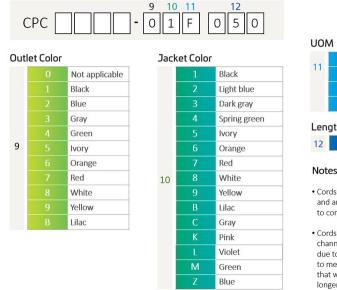
# Ordering Tree

Page 2 of 3

©2024 CommScope, Inc. All rights reserved. CommScope and the CommScope logo are registered trademarks of CommScope and/or its affiliates in the U.S. and other countries. For additional trademark information see https://www.commscope.com/trademarks. All product names, trademarks and registered trademarks are property of their respective owners. Revised: November 29, 2023



# CPC2472



1	F	Foot
11	М	Meter
	Ν	Inch
	C	Centimeter

#### 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**

-10 °C to +60 °C (+14 °F to +140 °F)
Plenum
UL 94 V-0
ETL   cETL

1

### Packaging and Weights

Packaging quantity

## Regulatory Compliance/Certifications

#### Agency Classification

ISO 9001:2015

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

Page 3 of 3

©2024 CommScope, Inc. All rights reserved. CommScope and the CommScope logo are registered trademarks of CommScope and/or its affiliates in the U.S. and other countries. For additional trademark information see https://www.commscope.com/trademarks. All product names, trademarks and registered trademarks are property of their respective owners. Revised: November 29, 2023

