Base Product



GigaSPEED XL® GS8E to MGS400 (Black), LSZH, Class B2ca

Product Classification

Regional Availability EMEA

Portfolio SYSTIMAX®

Product Type Twisted pair patch cord

Product Brand GigaSPEED XL®

Product Series CA

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

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 | White

Interface, Connector A RJ45 plug

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

Cable Assembly Length Range (m) 1 - 100

COMMSC PE®

1 - 328 Cable Assembly Length Range (ft)

5.92 mm | 0.233 in **Diameter Over Jacket**

Compatible Conductor Gauge, solid 23 AWG

Wiring Diagram

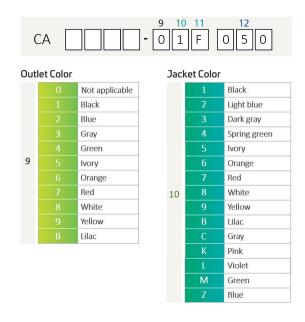
	Connector A	Connector B
Position 1	White/Orange	White/Orange
Position 2	Orange	Orange
Position 3	Lt. Green	Lt. Green
Position 4	Blue	Blue
Position 5	Lt. Blue	Lt. Blue
Position 6	Green	Green
Position 7	Lt. Brown	Lt. Brown
Position 8	Brown	Brown

Electrical Specifications

0.3 ohm dc Resistance, maximum 300 V

Ordering Tree

Safety Voltage Rating





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 $-10 \,^{\circ}\text{C}$ to $+60 \,^{\circ}\text{C}$ (+14 $^{\circ}\text{F}$ to +140 $^{\circ}\text{F}$)

EN50575 CPR Cable EuroClass Fire Performance B2ca

EN50575 CPR Cable EuroClass Smoke Rating s1

EN50575 CPR Cable EuroClass Droplets Rating d0

EN50575 CPR Cable EuroClass Acidity Rating

Environmental Space Low Smoke Zero Halogen (LSZH)

a1

Flammability Rating UL 94 V-0

Safety Standard ETL | cETL

Packaging and Weights

Packaging quantity 1

COMMSCOPE®

Regulatory Compliance/Certifications

Agency Classification

CENELEC EN 50575 compliant, Declaration of Performance (DoP) available

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

CENELEC