

## Base Product



GigaSPEED X10D® G10SP on S/FTP Low Smoke Zero Halogen Cordage, S/FTP Modular Patch Cord, Eco-packaging

## Product Classification

<b>Regional Availability</b>	Asia   Australia/New Zealand   EMEA   Latin America
<b>Portfolio</b>	SYSTIMAX®
<b>Product Type</b>	Twisted pair patch cord
<b>Product Brand</b>	GigaSPEED X10D®
<b>Product Series</b>	CA
<b>Ordering Note</b>	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

<b>ANSI/TIA Category</b>	6A
<b>Cable Type</b>	S/FTP (shielded)
<b>Conductor Type</b>	Stranded
<b>Interface, Connector A</b>	RJ45 plug
<b>Interface Feature, connector A</b>	Standard
<b>Interface, Connector B</b>	RJ45 plug
<b>Interface Feature, connector B</b>	Standard
<b>Jacket Color</b>	Black   Blue   Dark gray   Green   Orange   Purple/Violet   Red   White   Yellow   Slate/Gray
<b>Pairs, quantity</b>	4

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<b>Transmission Standards</b>	ANSI/TIA-568.2-D   ISO/IEC 11801 Class EA
<b>Wiring</b>	T568B

## Dimensions

<b>Cable Assembly Length Range (m)</b>	1 – 30
<b>Cable Assembly Length Range (ft)</b>	2 – 100
<b>Cable Assembly Length Range (cm)</b>	50 – 999
<b>Cable Assembly Length Range (in)</b>	24 – 999
<b>Diameter Over Jacket</b>	5.82 mm   0.229 in
<b>Compatible Conductor Gauge, stranded</b>	26 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

<b>Contact Resistance, maximum</b>	20 mOhm
<b>Current Rating at Temperature</b>	1.5 A @ 20 °C   1.5 A @ 68 °F
<b>dc Resistance, maximum</b>	0.3 ohm

<b>Dielectric Withstand Voltage, RMS, contact-to-contact</b>	1,000 Vac @ 60 Hz
<b>Insulation Resistance, minimum</b>	500 MOhm
<b>Remote Powering</b>	Fully supports the safe delivery of power over LAN cabling described by IEEE 802.3bt (Type 4) and complies with the unmating under electrical load requirements prescribed by IEC 60512-99-002
<b>PoE Durability</b>	Supports IEEE 802.3bt Type 4 (90 W) applications greater than 3000 plug to jack mating cycles
<b>Safety Voltage Rating</b>	300 V

## Ordering Tree

CA      -

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### 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
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### 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

<b>Conductor Material</b>	Bare copper
<b>Contact Plating Material</b>	Gold over nickel

**Jacket Material** Low Smoke Zero Halogen (LSZH)

## Mechanical Specifications

**Plug Retention Force, minimum** 50 N | 11.24 lbf

**Plug to Jack Mating Cycles** Complies to IEC 60603-7 series

## Environmental Specifications

**Operating Temperature** -10 °C to +60 °C (+14 °F to +140 °F)

**Storage Temperature** -40 °C to +70 °C (-40 °F to +158 °F)

**Environmental Space** Low Smoke Zero Halogen (LSZH)

**Flammability Rating** UL 94 V-0

**Safety Standard** ETL | cETL | Anatel

## Packaging and Weights

**Packaging Material** Eco-friendly, single-use plastics-free

**Packaging quantity** 1

## Regulatory Compliance/Certifications

**Agency**      **Classification**

RCM      Compliant to electrical safety & telecommunications requirements

