

GigaSPEED XL® GS8E Ruggedized Plug Single End, Coiled Strain Relief, 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 XL®
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	6
Cable Type	U/UTP (unshielded)
Conductor Type	Stranded
Interface, Connector A	RJ45 plug
Interface Feature, connector A	Ruggedized strain relief, coiled
Interface, Connector B	Unterminated
Interface Feature, connector B	Standard
Jacket Color	Black Blue Dark gray Light blue Lilac Orange Red Spring green 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	5.97 mm 0.235 in

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

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 Non-plenum

Flammability Rating UL 94 V-0

Safety Standard ETL | cETL

Packaging and Weights

Packaging quantity 1

Regulatory Compliance/Certifications

Agency

ISO 9001:2015

Classification

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

CPCC412

