CPC3312-0Z | GS8E-BL

GigaSPEED XL® GS8E Stranded Cordage Modular Patch Cord, Blue Jacket

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®

General Specifications

ANSI/TIA Category	6
Cable Type	U/UTP (unshielded)
Conductor Type	Stranded
Interface Feature, connector A	Standard
Interface Feature, connector B	Standard
Interface, Connector A	RJ45 plug
Interface, Connector B	RJ45 plug
Jacket Color	Blue
Pairs, quantity	4
Wiring	T568B

Dimensions

Cable Assembly Length, minimum (ft)	1
Cable Assembly Length, maximum (ft)	100
Cable Assembly Length, minimum (m)	1
Cable Assembly Length, maximum (m)	30

Wiring Diagram

COMMSCOPE®

CPC3312-0Z | GS8E-BL

	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

COMMSCOPE®

Jacket Color		UOM		Length
Z	Blue	F	Feet	
		M	Meter	
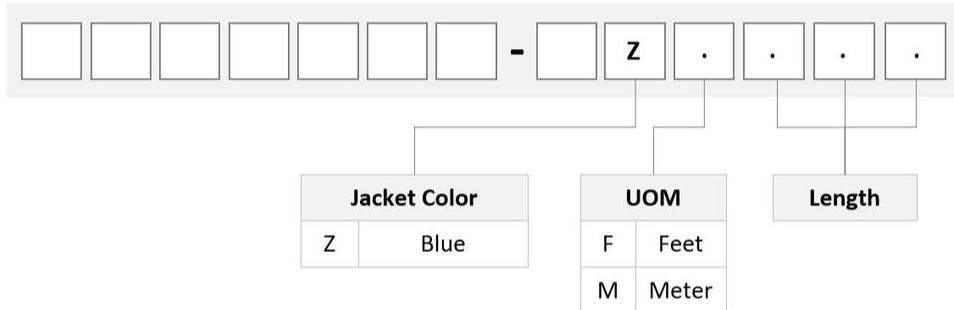
Material Specifications

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

COMMSCOPE®

Safety Standard Anatel | ETL | cETL

Packaging and Weights

Packaging quantity 1

Regulatory Compliance/Certifications

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

Included Products

8 6 0 1 6 0 5 4 8
1074E BLU C6 4/24 SR U/UTP RVAR — GigaSPEED XL® 1074E Category 6 U/UTP Cable, non-plenum, blue jacket, 4 pair count, variable length, reel

COMMSCOPE®

860160548 | 1074E BLU C6 4/24 SR U/UTP RVAR

GigaSPEED XL® 1074E Category 6 U/UTP Cable, non-plenum, blue jacket, 4 pair count, variable length, reel

Product Classification

Regional Availability	Asia	Australia/New Zealand	EMEA	Latin America	North America
Portfolio	SYSTIMAX®
Product Type	Twisted pair cable
Product Brand	GigaSPEED XL®

General Specifications

Product Number	1074E
ANSI/TIA Category	6
Cable Component Type	Cordage
Cable Type	U/UTP (unshielded)
Conductor Type, singles	Stranded
Conductors, quantity	8
Jacket Color	Blue
Pairs, quantity	4
Separator Type	Bisector
Transmission Standards	ANSI/TIA-568-C.2	CENELEC EN 50288-6-1	ISO/IEC 11801 Class E

Dimensions

Cable Length, special	Variable length
Diameter Over Jacket, nominal	0.235 in	5.969 mm
Jacket Thickness	0.022 in	0.559 mm
Conductor Gauge, singles	24 AWG

Cross Section Drawing

COMMSCOPE®

JACKET

CONDUCTOR

INSULATION

BISECTOR
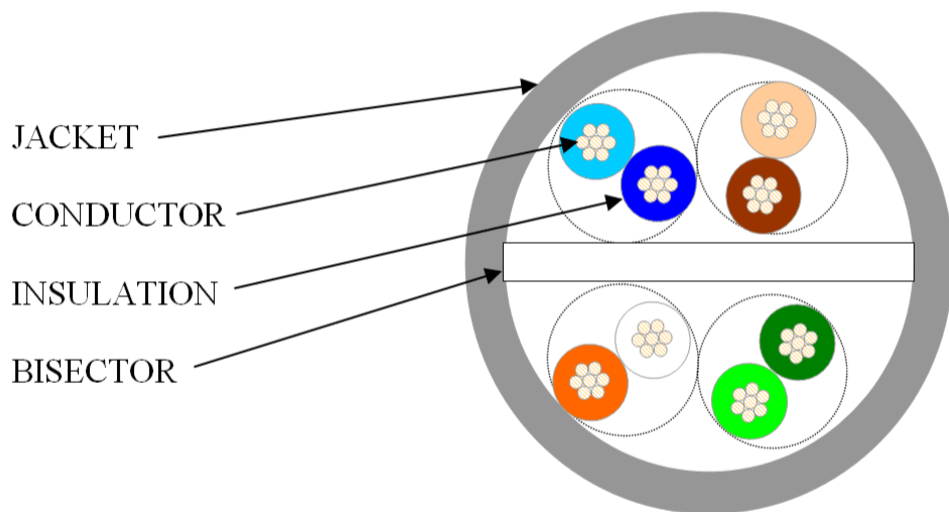
Electrical Specifications

dc Resistance Unbalance, maximum	5 %
dc Resistance, maximum	9.38 ohms/100 m	2.859 ohms/100 ft
Dielectric Strength, minimum	1500 Vac	2500 Vdc
Mutual Capacitance at Frequency	5.6 nF/100 m @ 1 kHz
Nominal Velocity of Propagation (NVP)	69 %
Operating Frequency, maximum	300 MHz
Operating Voltage, maximum	80 V
Remote Powering	Fully complies with the recommendations set forth by IEEE 802.3bt (Type 4) for the safe delivery of power over LAN cable when installed according to ISO/IEC 14763-2, CENELEC EN 50174-1, CENELEC EN 50174-2 or TIA TSB-184-A
Safety Voltage Rating	300 V

COMMSCOPE®

Material Specifications

Conductor Material	Tinned copper
Insulation Material	Polyolefin
Jacket Material	PVC
Separator Material	Polyolefin

Mechanical Specifications

Pulling Tension, maximum	25 lb | 11.34 kg

Environmental Specifications

Installation temperature	0 °C to +60 °C (+32 °F to +140 °F)
Operating Temperature	-20 °C to +60 °C (-4 °F to +140 °F)
Environmental Space	Non-plenum
Flame Test Method	CM

Packaging and Weights

Cable weight	25 lb/kft | 3.456 kg/km
Packaging Type	Reel

Regulatory Compliance/Certifications

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

COMMSCOPE®