

GigaSPEED XL® GS8E Stranded Low Smoke Zero Halogen Cordage
Modular Patch Cord, Dark Gray Jacket

Product Classification

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

Dimensions

Cord Length, maximum	30 m 100 ft
Cord Length, minimum	1 m 1 ft

Electrical Specifications

ANSI/TIA Category	6
dc Resistance, maximum	0.30 ohm
Safety Voltage Rating	300 V

Environmental Specifications

Environmental Space	Low Smoke Zero Halogen (LSZH)
Flammability Rating	UL 94 V-0
Operating Temperature	-10 °C to +60 °C (+14 °F to +140 °F)

General Specifications

Cable Type	U/UTP (unshielded)
Interface, connector A	RJ45 plug
Interface, connector B	RJ45 plug
Jacket Color	Dark gray
Interface Feature, connector A	Standard
Interface Feature, connector B	Standard
Package Quantity	1
Pairs, quantity	4

Mechanical Specifications

Conductor Type	Stranded
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Contact Plating Material	Precious metals
Material Type	Copper alloy Polycarbonate
Plug Insertion Life, minimum	750 times
Plug Retention Force, minimum	133 N 30 lbf
Wiring	T568B

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

Regulatory Compliance/Certifications

Agency	Classification
RoHS 2011/65/EU	Compliant
ISO 9001:2015	Designed, manufactured and/or distributed under this quality management system



Included Products

860503911 | 3074E DGY C6 4/24 SR U/UTP RVAR (Product Component—not orderable) — GigaSPEED XL® 3074E Category 6 U/UTP Cable, low smoke zero halogen, dark gray jacket, 4 pair count, variable length, reel

GigaSPEED XL® 3074E Category 6 U/UTP Cable, low smoke zero halogen, dark gray jacket, 4 pair count, variable length, reel

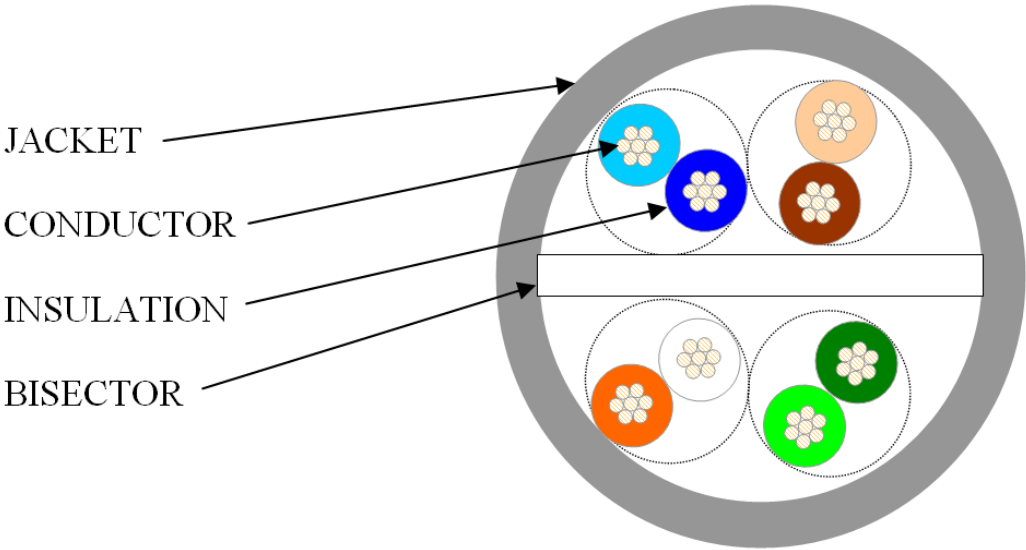
Product Classification

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

Standards And Qualifications

EN50575 CPR Cable EuroClass	Dca s2 d2 a1
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Cross Section Drawing



Construction Materials

Jacket Material	Low Smoke Zero Halogen (LSZH)
Conductor Material	Tinned copper
Insulation Material	Polyolefin
Separator Material	Polyolefin

Dimensions

Cable Length, special	Variable length
Cable Weight	26.00 lb/kft

Diameter Over Jacket, nominal	6.020 mm 0.237 in
Jacket Thickness	0.559 mm 0.022 in

Electrical Specifications

ANSI/TIA Category	6
Characteristic Impedance	100 ohm
Characteristic Impedance Tolerance	±15 ohm
dc Resistance Unbalance, maximum	5 %
dc Resistance, maximum	9.38 ohms/100 m
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
Transmission Standards	ANSI/TIA-568-C.2 CENELEC EN 50288-6-1 ISO/IEC 11801 Class E

Environmental Specifications

Environmental Space	Low Smoke Zero Halogen (LSZH)
Smoke Test Method	IEC 61034-2
Acid Gas Test Method	IEC 60754-2
Flame Test Method	IEC 60332-1
Installation Temperature	0 °C to +60 °C (+32 °F to +140 °F)
Operating Temperature	-20 °C to +60 °C (-4 °F to +140 °F)

General Specifications

Cable Type	U/UTP (unshielded)
Packaging Type	Reel
Pairs, quantity	4
Cable Component Type	Horizontal
Jacket Color	Dark gray
Product Number	3074E
Conductor Gauge, singles	24 AWG
Conductor Type, singles	Stranded
Conductors, quantity	8
Separator Type	Bisector

Mechanical Specifications

Pulling Tension, maximum

11 kg | 25 lb

Regulatory Compliance/Certifications

Agency

RoHS 2011/65/EU

ISO 9001:2015

CENELEC

Classification

Compliant

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

EN 50575 compliant, Declaration of Performance (DoP) available

