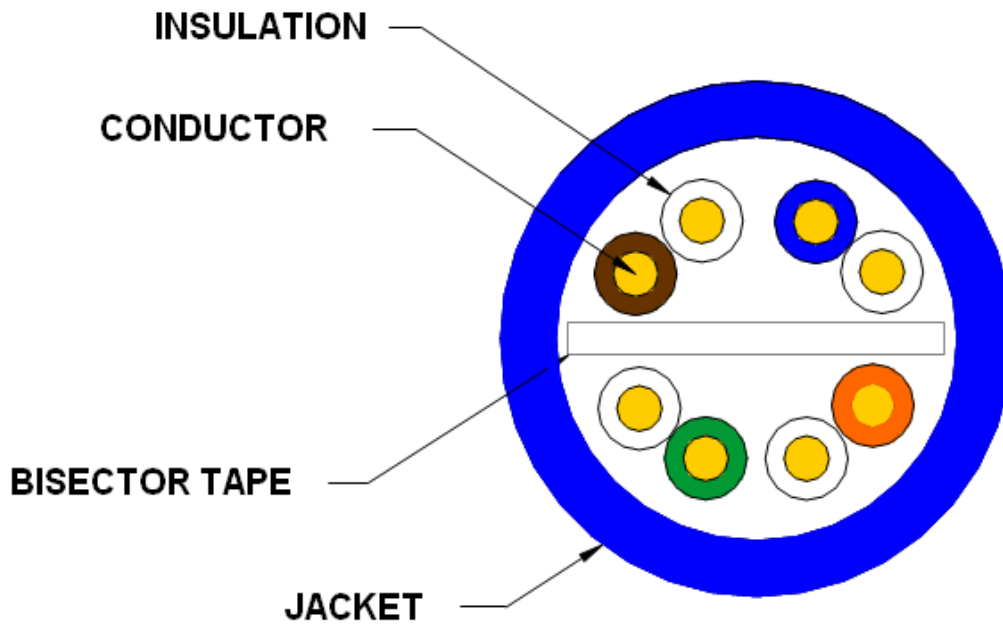


GigaSPEED XL® 5071A ETL Verified Category 6 U/UTP Cable, LSZH, non-plenum CMR rated, slate jacket, 4 pair count, 1000 ft (305 m) length, WE TOTE® box

Product Classification

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

Cross Section Drawing



Construction Materials

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

Dimensions

Cable Length	305 m 1000 ft
Cable Weight	27.93 lb/kft
Diameter Over Jacket, nominal	6.096 mm 0.240 in
Jacket Thickness	0.635 mm 0.025 in

Electrical Specifications

ANSI/TIA Category	6
dc Resistance Unbalance, maximum	5 %
dc Resistance, maximum	7.61 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
Transmission Standards	ANSI/TIA-568-C.2 CENELEC EN 50288-6-1 ISO/IEC 11801 Class E
Dielectric Strength, minimum	1500 Vac 2500 Vdc
Note	A maximum recommended horizontal cable length is 70 meters (230 feet) for a 75C environment Elevated temperatures may require cable length derating per ANSI/TIA 568-C.2 Annex G to ensure channel insertion loss compliance

Environmental Specifications

Environmental Space	Low Smoke Zero Halogen (LSZH) Non-plenum
Smoke Test Method	UL 1685-LS
Fire Safety Listing	CM-LS CMR
Flame Test Method	UL 1666 UL 1685
Installation Temperature	0 °C to +60 °C (+32 °F to +140 °F)
Operating Temperature	-40 °C to +75 °C (-40 °F to +167 °F)
UL Temperature Rating	75 °C 167 °F

General Specifications

Cable Type	U/UTP (unshielded)
Packaging Type	WE TOTE® box
Pairs, quantity	4
Cable Component Type	Horizontal
Jacket Color	Slate
Product Number	5071A
Conductor Gauge, singles	23 AWG
Conductor Type, singles	Solid
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

Classification

Compliant

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

