760192831 | 1071E LIL C6 4/23 U/UTP R3000



GigaSPEED XL® 1071E ETL Verified Category 6 U/UTP Cable, nonplenum, lilac, 4 pair count, 3000 ft (914 m) length, reel

Product Classification

Regional Availability	Asia Australia/New Zealand Latin America North America	
Portfolio	SYSTIMAX®	
Product Type	Twisted pair cable	
Product Brand	GigaSPEED XL®	
Ordering Note	Not available in Europe, the Middle East, or Africa	
General Specifications		
Product Number	1071E	
ANSI/TIA Category	6	
Cable Component Type	Horizontal	
Cable Type	U/UTP (unshielded)	
Conductor Type, singles	Solid	
Conductors, quantity	8	
Jacket Color	Lilac	
Pairs, quantity	4	
Separator Type	Bisector	
Transmission Standards	ANSI/TIA-568.2-D CENELEC EN 50288-6-1 ISO/IEC 11801 Class E	
Dimensions		
Cable Length	914.4 m 3000 ft	
Cable Length Tolerance	±5%	
Diameter Over Insulated Conductor	1.029 mm 0.041 in	
Diameter Over Jacket, nominal	5.893 mm 0.232 in	
Jacket Thickness	0.559 mm 0.022 in	
Conductor Gauge, singles	23 AWG	

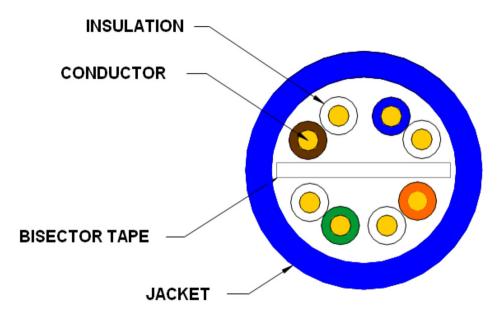
Page 1 of 3

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Cross Section Drawing



Electrical Specifications

dc Resistance Unbalance, maximum	5 %
dc Resistance, maximum	7.61 ohms/100 m 2.32 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

Material Specifications

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

Page 2 of 3

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Mechanical Specifications

Pulling Tension, maximum	11.34 kg 25 lb

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
Temperature Rating, UL	75 °C 167 °F
Flame Test Method	CMG CMR

Packaging and Weights

Cable weight	38.097 kg/km 25.6 lb/kft
Packaging Type	Reel

Regulatory Compliance/Certifications

Agency Classification

ISO 9001:2015

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

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