2071E

**Base Product** 



#### GigaSPEED XL® 2071E ETL Verified Category 6 U/UTP Cable

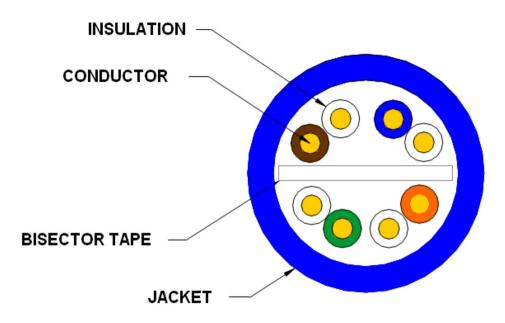
Product Classification		
Regional Availability	Asia   Australia/New Zealand   EMEA   Latin America   North America	
Portfolio	SYSTIMAX®	
Product Type	Twisted pair cable	
Product Brand	GigaSPEED XL®	
General Specifications		
Product Number	2071E	
ANSI/TIA Category	6	
Cable Component Type	Horizontal	
Cable Type	U/UTP (unshielded)	
Conductor Type, singles	Solid	
Conductors, quantity	8	
Pairs, quantity	4	
Separator Type	Bisector	
Transmission Standards	ANSI/TIA-568.2-D   CENELEC EN 50288-6-1   ISO/IEC 11801 Class E	
Dimensions		
Diameter Over Insulated Conductor	1.016 mm   0.04 in	
Diameter Over Jacket, nominal	5.74 mm   0.226 in	
Jacket Thickness	0.559 mm   0.022 in	
Conductor Gauge, singles	23 AWG	

# Cross Section Drawing

Page 1 of 3

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## 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)	74 %
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	FEP   Polyolefin
Jacket Material	PVC

Flame retardant polyolefin

Mechanical Specifications

**Separator Material** 

Page 2 of 3

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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	Plenum
Temperature Rating, UL	75°C   167°F
Flame Test Method	CMP/FT6
Smoke Test Method	CMP/FT6
Packaging and Weights	

Cable weight

43.157 kg/km | 29 lb/kft

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