2071E

Base Product



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

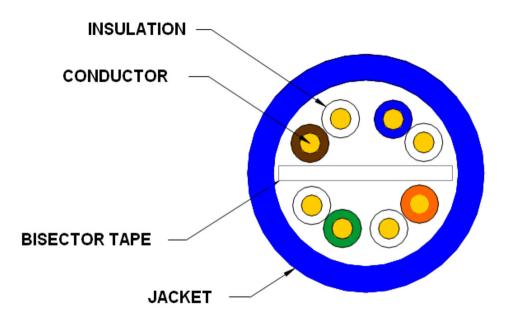
Product Classification		
Regional Availability	Asia Australia/New Zealand EMEA Latin America North America	
Portfolio	SYSTIMAX®	
Product Type	Twisted pair cable	
Product Brand	GigaSPEED XL®	
General Specifications		
Product Number	2071E	
ANSI/TIA Category	6	
Cable Component Type	Horizontal	
Cable Type	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

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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

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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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