

760081307 | 1071E GRN C6 4/23 U/UTP R3000



GigaSPEED XL® 1071E ETL Verified Category 6 U/UTP Cable, non-plenum, green jacket, 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	Green
Pairs, quantity	4
Separator Type	Bisector
Transmission Standards	ANSI/TIA-568.2-D CENELEC EN 50288-6-1 ISO/IEC 11801 Class E

Dimensions

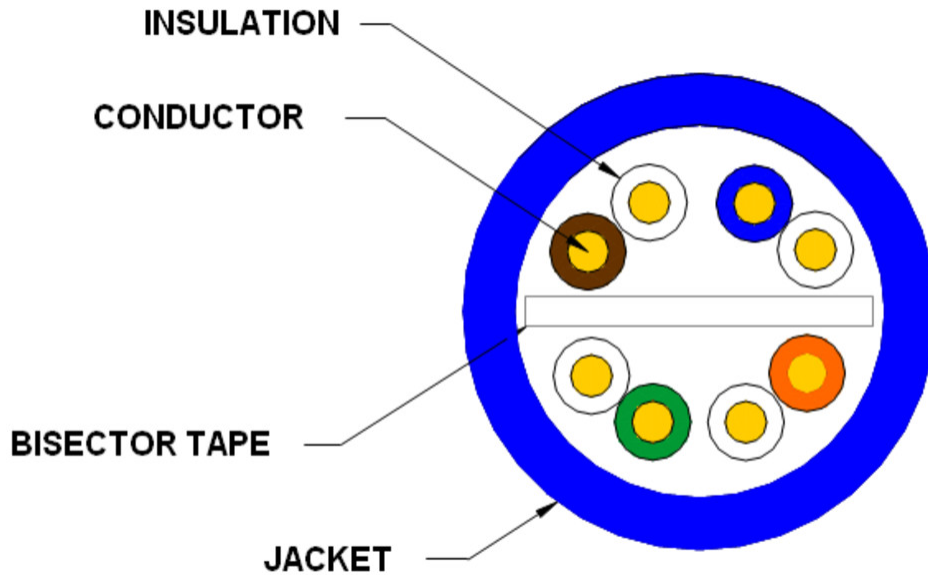
Cable Length	914.4 m 3000 ft
Cable Length Tolerance	±5%
Diameter Over Conductor	1.029 mm 0.041 in
Diameter Over Jacket, nominal	5.893 mm 0.232 in
Jacket Thickness	0.559 mm 0.022 in

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Conductor Gauge, singles

23 AWG

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

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Separator Material Polyolefin

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

ISO 9001:2015

Classification

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

