

GigaSPEED XL® 3071E-B ETL Verified Category 6 U/UTP Cable, low smoke zero halogen, white jacket, 4 pair count, 3000 ft (914.4 m) length, reel

Product Classification

Regional Availability	EMEA
Portfolio	SYSTIMAX®
Product Type	Twisted pair cable
Product Brand	GigaSPEED XL®

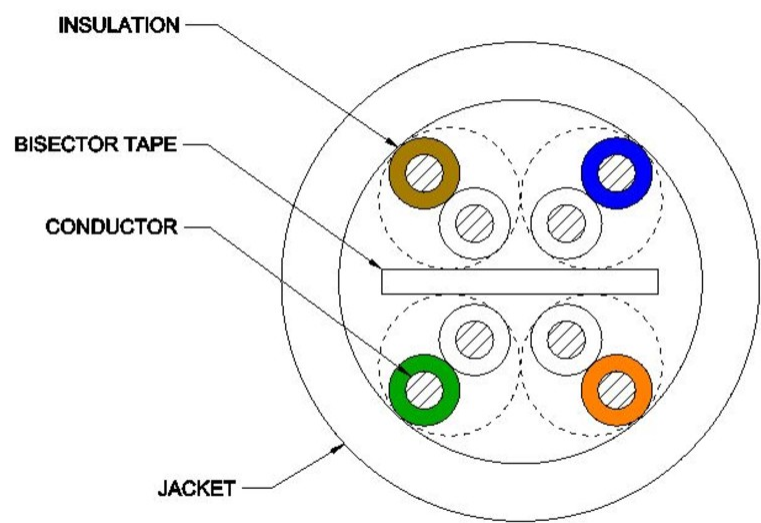
General Specifications

Product Number	3071E-B
ANSI/TIA Category	6
Cable Component Type	Horizontal
Cable Type	U/UTP (unshielded)
Conductor Type, singles	Solid
Conductors, quantity	8
Jacket Color	White
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
Diameter Over Insulated Conductor	1.041 mm 0.041 in
Diameter Over Jacket, nominal	5.918 mm 0.233 in
Jacket Thickness	0.559 mm 0.022 in
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	2500 Vdc
Mutual Capacitance at Frequency	5.6 nF/100 m @ 1 kHz
Nominal Velocity of Propagation (NVP)	70 %
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
Segregation Class	c

Material Specifications

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

Mechanical Specifications

Pulling Tension, maximum11.34 kg | 25 lb

Environmental Specifications

Installation temperature0 °C to +60 °C (+32 °F to +140 °F)
Operating Temperature-20 °C to +60 °C (-4 °F to +140 °F)
Acid Gas Test MethodEN 50267-2-3
EN50575 CPR Cable EuroClass Fire PerformanceB2ca
EN50575 CPR Cable EuroClass Smoke Rating s1a
EN50575 CPR Cable EuroClass Droplets Rating d1
EN50575 CPR Cable EuroClass Acidity Rating a1
Environmental SpaceLow Smoke Zero Halogen (LSZH)
Smoke Test MethodIEC 61034-2

Packaging and Weights

Cable weight38.097 kg/km | 25.6 lb/kft
Packaging TypeReel

Regulatory Compliance/Certifications

Agency	Classification
CENELEC	EN 50575 compliant, Declaration of Performance (DoP) available
ISO 9001:2015	Designed, manufactured and/or distributed under this quality management system

