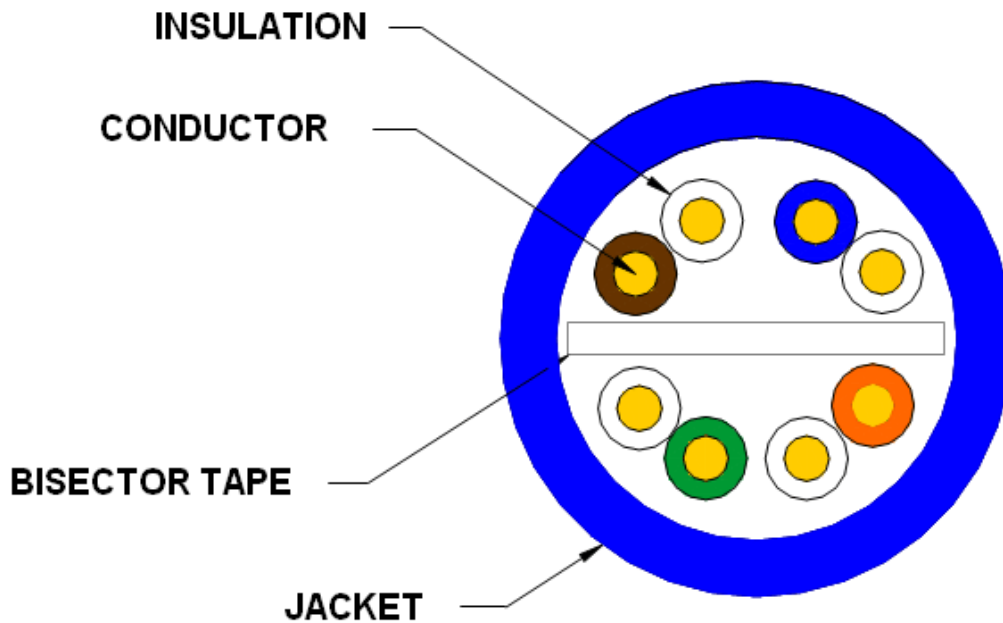


GigaSPEED XL® 2071E ETL Verified Category 6 U/UTP Cable, plenum, black jacket, 4 pair count, 3000 ft (914 m) length, reel

Product Classification

Portfolio	SYSTIMAX®
Brand	GigaSPEED XL®
Product Type	Twisted pair cable
Regional Availability	Asia Australia/New Zealand EMEA Latin America North America

Cross Section Drawing



Construction Materials

Jacket Material	PVC
Conductor Material	Bare copper
Insulation Material	FEP Polyolefin
Separator Material	Flame retardant polyolefin

Dimensions

Cable Length	914 m 3000 ft
Cable Length Tolerance	±5%
Cable Weight	29.00 lb/kft
Diameter Over Jacket, nominal	5.740 mm 0.226 in
Jacket Thickness	0.559 mm 0.022 in

Electrical Specifications

ANSI/TIA Category	6
dc Resistance Unbalance, maximum	5 %
dc Resistance, maximum	7.61 ohms/100 m
Mutual Capacitance at Frequency	5.6 nF/100 m @ 1 kHz
Nominal Velocity of Propagation (NVP)	71 %
Operating Frequency, maximum	300 MHz
Operating Voltage, maximum	80 V
Transmission Standards	ANSI/TIA-568-C.2 CENELEC EN 50288-6-1 ISO/IEC 11801 Class E
Dielectric Strength, minimum	1500 Vac 2500 Vdc

Environmental Specifications

Environmental Space	Plenum
Smoke Test Method	CMP
Flame Test Method	CMP
Installation Temperature	0 °C to +60 °C (+32 °F to +140 °F)
Operating Temperature	-20 °C to +60 °C (-4 °F to +140 °F)
UL Temperature Rating	75 °C 167 °F

General Specifications

Cable Type	U/UTP (unshielded)
Packaging Type	Reel
Pairs, quantity	4
Cable Component Type	Horizontal
Jacket Color	Black
Product Number	2071E
Conductor Gauge, singles	23 AWG
Conductor Type, singles	Solid
Conductors, quantity	8
Separator Type	Bisector

Mechanical Specifications

Pulling Tension, maximum 11 kg | 25 lb

Regulatory Compliance/Certifications

Agency

RoHS 2011/65/EU

ISO 9001:2015

Classification

Compliant

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

