

GigaSPEED XL® 3071 ETL Verified Category 6 U/UTP Cable, low smoke zero halogen, red jacket, 4 pair count, 3000 ft (914 m) length, reel

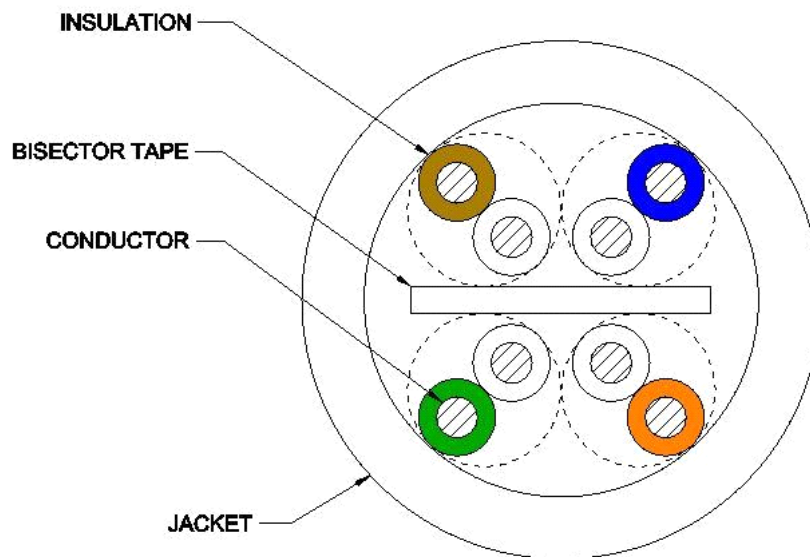
Product Classification

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

Standards And Qualifications

EN50575 CPR Cable EuroClass Dca | s2 | d2 | a1

Cross Section Drawing



Construction Materials

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

Separator Material Polyolefin

Dimensions

Cable Length 914 m | 3000 ft
Cable Length Tolerance ±5%
Cable Weight 25.00 lb/kft
Diameter Over Jacket, nominal 5.918 mm | 0.233 in
Jacket Thickness 0.508 mm | 0.020 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) 69 %
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

Environmental Specifications

Environmental Space Low Smoke Zero Halogen (LSZH)
Smoke Test Method IEC 61034-2
Acid Gas Test Method IEC 60754-2
Flame Test Method IEC 60332-3-22
Installation Temperature 0 °C to +60 °C (+32 °F to +140 °F)
Operating Temperature -20 °C to +60 °C (-4 °F to +140 °F)

General Specifications

Cable Type U/UTP (unshielded)
Packaging Type Reel
Pairs, quantity 4
Cable Component Type Horizontal
Jacket Color Red
Product Number 3071E
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	Classification
RoHS 2011/65/EU	Compliant
ISO 9001:2015	Designed, manufactured and/or distributed under this quality management system
CENELEC	EN 50575 compliant, Declaration of Performance (DoP) available

