

GigaSPEED XL® 1571 Category 6 U/UTP Cable, outdoor, black jacket, 4 pair count, 1000 ft (305 m) length, reel

Product Classification

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

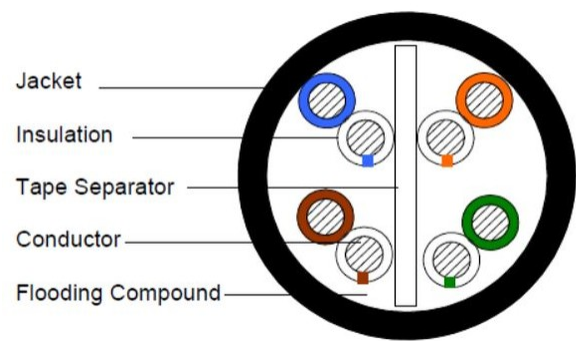
General Specifications

Product Number	1571A
ANSI/TIA Category	6
Cable Component Type	Horizontal
Cable Type	U/UTP (unshielded)
Conductor Type, singles	Solid
Conductors, quantity	8
Jacket Color	Black
Pairs, quantity	4
Separator Type	Bisector Tape separator
Transmission Standards	ANSI/TIA-568.2-D CENELEC EN 50288-6-1 ISO/IEC 11801 Class E

Dimensions

Cable Length	304.8 m 1000 ft
Diameter Over Jacket, nominal	6.604 mm 0.26 in
Jacket Thickness	0.635 mm 0.025 in
Conductor Gauge, singles	24 AWG

Cross Section Drawing



Electrical Specifications

Characteristic Impedance	100 ohm
dc Resistance Unbalance, maximum	5 %
dc Resistance, maximum	9.38 ohms/100 m 2.859 ohms/100 ft
Delay Skew, maximum	45 ns
Dielectric Strength, minimum	1500 Vac 2500 Vdc
Mutual Capacitance at Frequency	6.0 nF/100 m @ 1 kHz
Nominal Velocity of Propagation (NVP)	65 %
Operating Frequency, maximum	250 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
Safety Voltage Rating	300 V
Segregation Class	b

Material Specifications

Conductor Material	Bare copper
Insulation Material	Polyolefin
Jacket Material	PE
Separator Material	Polyolefin

Mechanical Specifications

Pulling Tension, maximum	11.34 kg 25 lb
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Environmental Specifications

Installation temperature	-30 °C to +70 °C (-22 °F to +158 °F)
Operating Temperature	-40 °C to +70 °C (-40 °F to +158 °F)
EN50575 CPR Cable EuroClass Fire Performance	Fca
Environmental Note	UV resistant for outdoor and/or direct burial installations
Environmental Space	Buried
Safety Standard	ANSI/ICEA S-107-704-2012

Packaging and Weights

Cable weight	43.157 kg/km 29 lb/kft
Packaging Type	Reel

Regulatory Compliance/Certifications

Agency	Classification
ISO 9001:2015	Designed, manufactured and/or distributed under this quality management system
ROHS	Compliant

