

760008888 | 1571A BK 4/24 R1000

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®

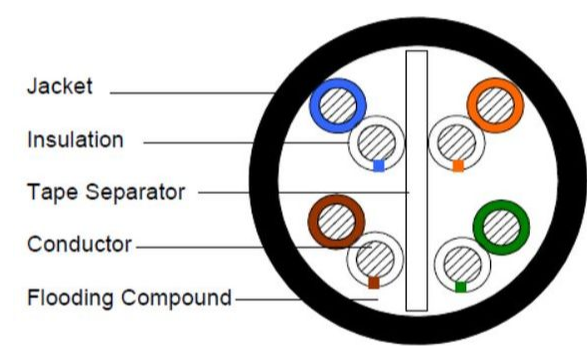
General Specifications

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-C.2 CENELEC EN 50288-6-1 ISO/IEC 11801 Class E

Dimensions

Cable Length	1000 ft 304.8 m
Diameter Over Jacket, nominal	0.26 in 6.604 mm
Jacket Thickness	0.025 in 0.635 mm
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

Material Specifications

Conductor Material

Bare copper

Insulation Material

Polyolefin

Jacket Material

PE

Separator Material

Polyolefin

Mechanical Specifications

Pulling Tension, maximum

25 lb | 11.34 kg

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/CEA S-107-704-2012

Packaging and Weights

Cable weight

29 lb/kft | 43.157 kg/km

Packaging Type

Reel

Regulatory Compliance/Certifications

Agency

ISO 9001:2015

REACH-SVHC

ROHS

Classification

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

Compliant as per SVHC revision on www.commscope.com/ProductCompliance

Compliant

