

GigaREACH™ XL "Extended Distance" 1573A Category 6 U/UTP Cable, gel-filled 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	GigaREACH™ XL

General Specifications

Product Number	1573A
ANSI/TIA Category	6
Cable Component Type	Horizontal
Cable Type	U/UTP (unshielded)
Conductor Type, singles	Solid
Conductors, quantity	8
Jacket Color	Black
Note	Delay has been derated by 9% due to the water proofing agents
Pairs, quantity	4
Separator Type	Isolator Tape separator
Transmission Standards	ANSI/TIA-568-D.2

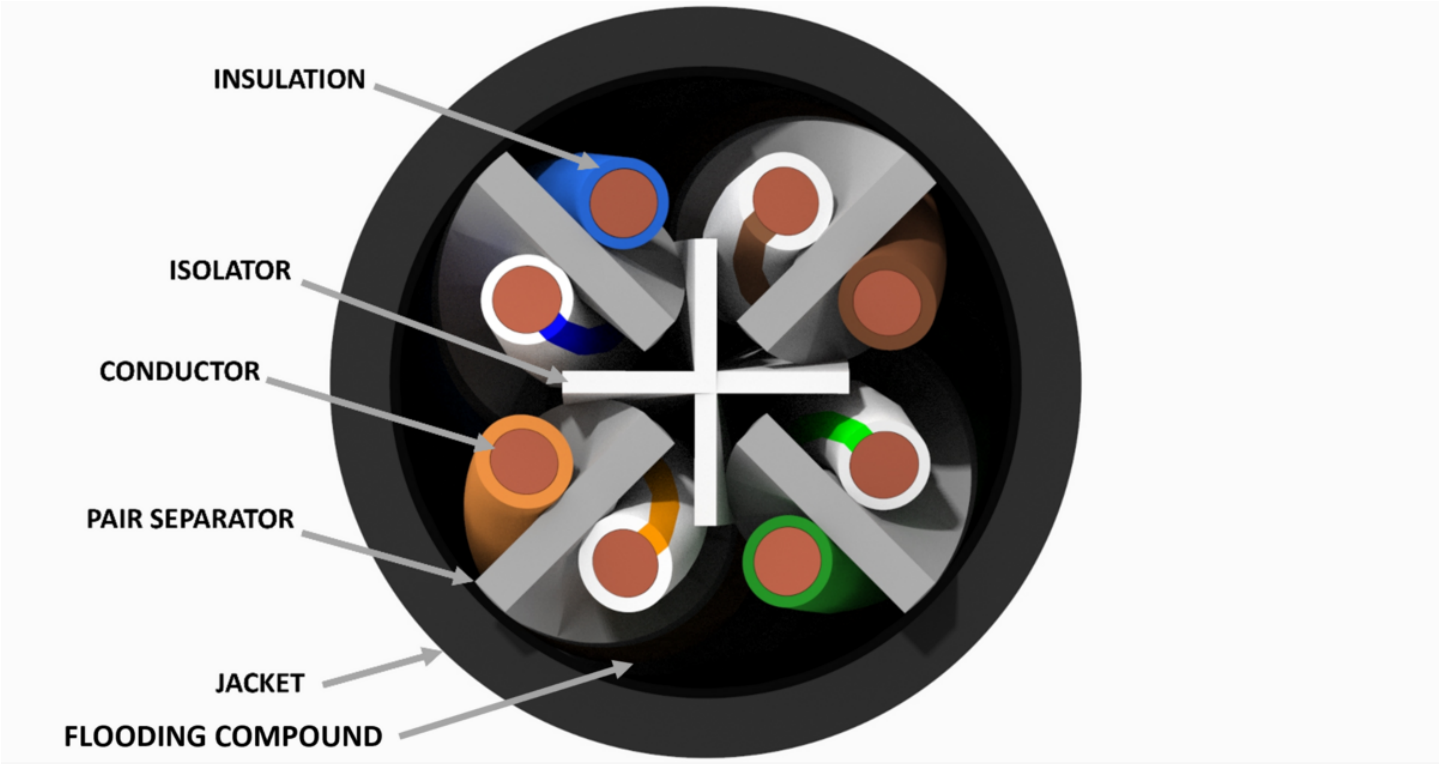
Dimensions

Cable Length	304.8 m 1000 ft
Diameter Over Jacket, nominal	7.112 mm 0.28 in
Jacket Thickness	0.635 mm 0.025 in

Conductor Gauge, singles

21 AWG

Cross Section Drawing



Electrical Specifications

Insertion Loss Margin	20% to Category 6 standard
Characteristic Impedance	100 ohm
dc Resistance Unbalance, maximum	5 %
dc Resistance, maximum	4.69 ohms/100 m 1.43 ohms/100 ft
Delay Skew, maximum	45 ns
Dielectric Strength, minimum	1500 Vac 2500 Vdc
Mutual Capacitance at Frequency	6.4 nF/100 m @ 1 kHz
Nominal Velocity of Propagation (NVP)	60 %
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	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	No Rating
Environmental Note	UV resistant for outdoor and/or direct burial installations
Environmental Space	Buried

Packaging and Weights

Cable weight	62.503 kg/km 42 lb/kft
Packaging Type	Reel

Regulatory Compliance/Certifications

Agency	Classification
CHINA-ROHS	Below maximum concentration value

RCM	Compliant to electrical safety & telecommunications requirements
REACH-SVHC	Compliant as per SVHC revision on www.commscope.com/ProductCompliance
ROHS	Compliant
UK-ROHS	Compliant

