# 760258509 | 1073A BLU C6 4/21 U/UTP R1000



GigaREACH™ XL "EXTENDED DISTANCE" 1073A Category 6 U/UTP Cable, CMR Riser, blue jacket, 4 pair count, 1000 ft (305 m) length, reel

#### Product Classification

Regional Availability	Asia   Australia/New Zealand   China   EMEA   Europe   India   Latin America   North America
Portfolio	SYSTIMAX®
Product Type	Twisted pair cable
Product Brand	GigaREACH™ XL
General Specifications	
Product Number	1073A
ANSI/TIA Category	6
Cable Component Type	Horizontal
Cable Type	U/UTP (unshielded)
Conductor Type, singles	Solid
Conductors, quantity	8
Jacket Color	Blue
Pairs, quantity	4
Separator Type	Isolator   Tape separator
Transmission Standards	ANSI/TIA-568-D.2   CENELEC EN 50288-6-1   ISO/IEC 11801 Class E
Dimensions	
Cable Length	304.8 m   1000 ft
Diameter Over Jacket, nominal	6.731 mm   0.265 in
Jacket Thickness	0.635 mm   0.025 in
Conductor Gauge, singles	21 AWG
Electrical Specifications	
Insertion Loss Margin	20% to Category 6 standard
Characteristic Impedance	100 ohm

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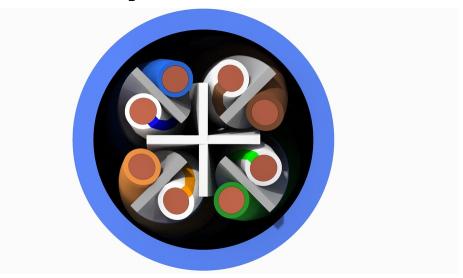
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dc Resistance Unbalance, maximum	5 %
dc Resistance, maximum	4.69 ohms/100 m   1.43 ohms/100 ft
Delay Skew, maximum	45 ns
Dielectric Strength, minimum	1500 Vac   2500 Vdc
LP (Limited Power) Rating	0.6 A
Mutual Capacitance at Frequency	6.4 nF/100 m @ 1 kHz
Nominal Velocity of Propagation (NVP)	70 %
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

#### Representative Image



#### Material Specifications

Conductor Material Insulation Material

**Jacket Material** 

Separator Material

Bare copper Polyolefin Fire retardant PVC Polyolefin

#### Mechanical Specifications

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**Pulling Tension, maximum** 

11.34 kg | 25 lb

#### **Environmental Specifications**

Installation temperature	0 °C to +60 °C (+32 °F to +140 °F)
Operating Temperature	-20 °C to +60 °C (-4 °F to +140 °F)
EN50575 CPR Cable EuroClass Fire Performance	No Rating
Environmental Note	Non-plenum
Environmental Space	Indoor   Non-plenum   Riser
Fire Safety Listing	CMR
Flame Test Method	CMR   UL 1666   UL 444
Packaging and Weights	
Cable weight	58.038 kg/km   39 lb/kft
Packaging Type	Reel
Regulatory Compliance/Certifications	

Agency	Classification
CHINA-ROHS	Below maximum concentration value
REACH-SVHC	Compliant as per SVHC revision on www.commscope.com/ProductCompliance
ROHS	Compliant
UK-ROHS	Compliant



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