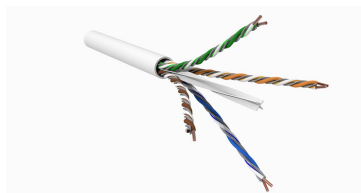


760259249 | 1073A WHT C6 4/21 U/UTP R3000



GigaREACH™ XL "Extended Distance" 1073A Category 6 U/UTP Cable, CMR Riser, white jacket, 4 pair count, 3000 ft (915 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

White

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

914.4 m | 3000 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

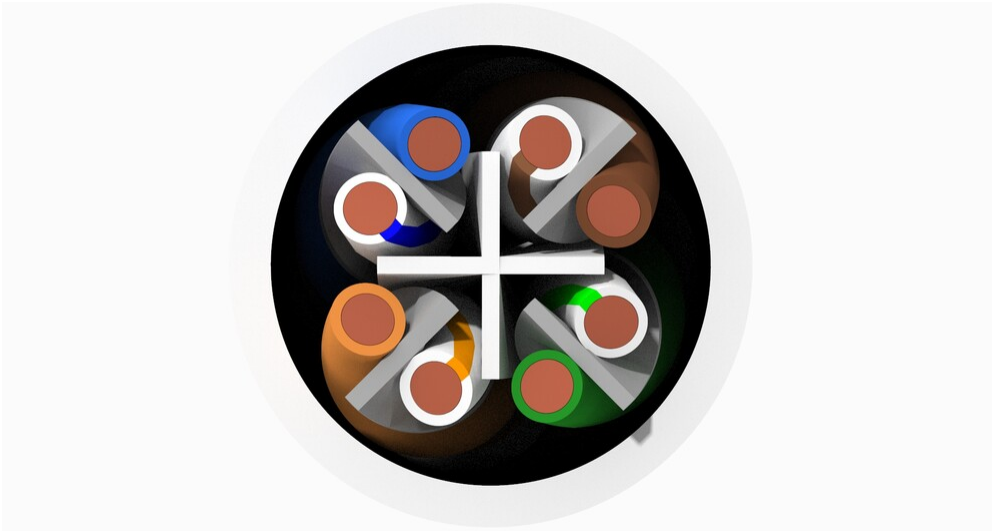
Characteristic Impedance

100 ohm

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| | |
|--|---|
| 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 | Bare copper |
| Insulation Material | Polyolefin |
| Jacket Material | Fire retardant PVC |
| Separator Material | 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 178.58 kg/km | 120 lb/kft

Packaging Type Reel