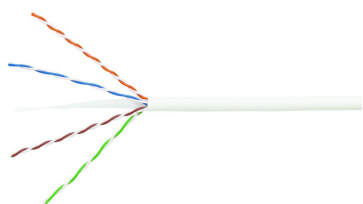


760175331 | 5071A BLK C6 4/23 U/UTP W1000



GigaSPEED XL® 5071A ETL Verified Category 6 U/UTP Cable, LSZH, non-plenum CMR rated, black jacket, 4 pair count, 1000 ft (305 m) length, WE TOTE® box

Product Classification

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

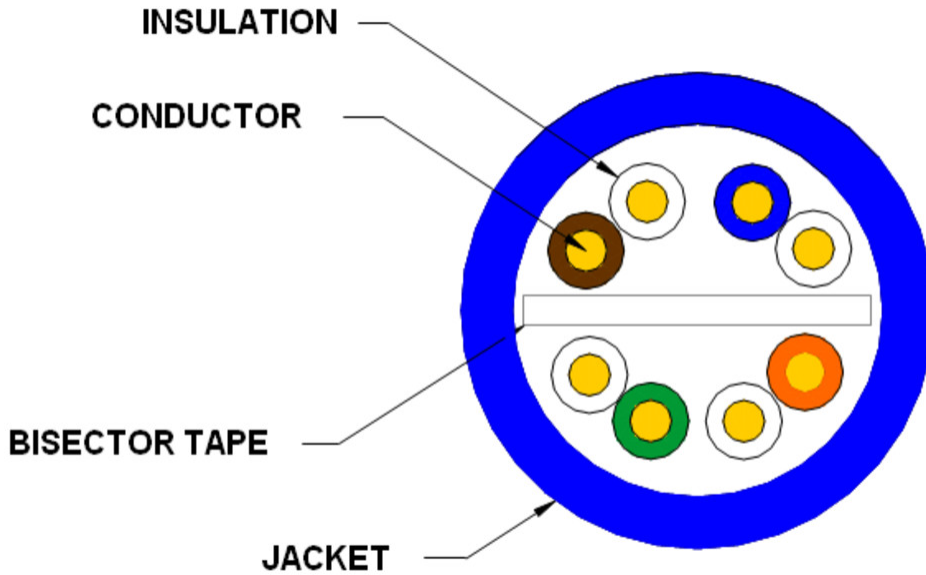
General Specifications

| | |
|--------------------------------|--|
| Product Number | 5071A |
| ANSI/TIA Category | 6 |
| Cable Component Type | Horizontal |
| Cable Type | U/UTP (unshielded) |
| Conductor Type, singles | Solid |
| Conductors, quantity | 8 |
| Jacket Color | Black |
| Note | A maximum recommended horizontal cable length is 70 meters (230 feet) for a 75C environment Elevated temperatures may require cable length derating per ANSI/TIA 568-C.2 Annex G to ensure channel insertion loss compliance |
| Pairs, quantity | 4 |
| Separator Type | Bisector |
| 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 | 6.096 mm 0.24 in |
| Jacket Thickness | 0.635 mm 0.025 in |
| Conductor Gauge, singles | 23 AWG |

Cross Section Drawing



Electrical Specifications

| | |
|--|---|
| dc Resistance Unbalance, maximum | 5 % |
| dc Resistance, maximum | 7.61 ohms/100 m 2.32 ohms/100 ft |
| Dielectric Strength, minimum | 1500 Vac 2500 Vdc |
| Mutual Capacitance at Frequency | 5.6 nF/100 m @ 1 kHz |
| Nominal Velocity of Propagation (NVP) | 69 % |
| Operating Frequency, maximum | 300 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 |

Material Specifications

| | |
|----------------------------|-------------------------------|
| Conductor Material | Bare copper |
| Insulation Material | Polyolefin |
| Jacket Material | Low Smoke Zero Halogen (LSZH) |
| Separator Material | Polyolefin |

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Mechanical Specifications

Pulling Tension, maximum 11.34 kg | 25 lb

Environmental Specifications

Installation temperature 0 °C to +60 °C (+32 °F to +140 °F)
Operating Temperature -40 °C to +75 °C (-40 °F to +167 °F)
Environmental Space Low Smoke Zero Halogen (LSZH) | Non-plenum
Temperature Rating, UL 75 °C | 167 °F
Fire Safety Listing CM-LS | CMR
Flame Test Method UL 1666 | UL 1685
Smoke Test Method UL 1685-LS

Packaging and Weights

Cable weight 41.564 kg/km | 27.93 lb/kft
Packaging Type WE TOTE® box

Regulatory Compliance/Certifications

| Agency | Classification |
|---------------|--|
| CHINA-ROHS | Below maximum concentration value |
| ISO 9001:2015 | Designed, manufactured and/or distributed under this quality management system |
| REACH-SVHC | Compliant as per SVHC revision on www.commscope.com/ProductCompliance |
| ROHS | Compliant |

