# 760040097  |  1071E SLT C6 4/23 U/UTP R3000

GigaSPEED XL® 1071E ETL Verified Category 6 U/UTP Cable, non-plenum, slate jacket, 4 pair count, 3000 ft (914 m) length, reel

## Product Classification

| | |
|---|---|
| **Regional Availability** | Asia  \|  Australia/New Zealand  \|  Latin America  \|  North America |
| **Portfolio** | SYSTIMAX® |
| **Product Type** | Twisted pair cable |
| **Product Brand** | GigaSPEED XL® |
| **Ordering Note** | Not available in Europe, the Middle East, or Africa |

## General Specifications

| | |
|---|---|
| **Product Number** | 1071E |
| **ANSI/TIA Category** | 6 |
| **Cable Component Type** | Horizontal |
| **Cable Type** | U/UTP (unshielded) |
| **Conductor Type, singles** | Solid |
| **Conductors, quantity** | 8 |
| **Jacket Color** | Slate |
| **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** | 914.4 m  \|  3000 ft |
| **Cable Length Tolerance** | ±5% |
| **Diameter Over Insulated Conductor** | 1.029 mm  \|  0.041 in |
| **Diameter Over Jacket, nominal** | 5.893 mm  \|  0.232 in |
| **Jacket Thickness** | 0.559 mm  \|  0.022 in |
| **Conductor Gauge, singles** | 23 AWG |

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## Cross Section Drawing
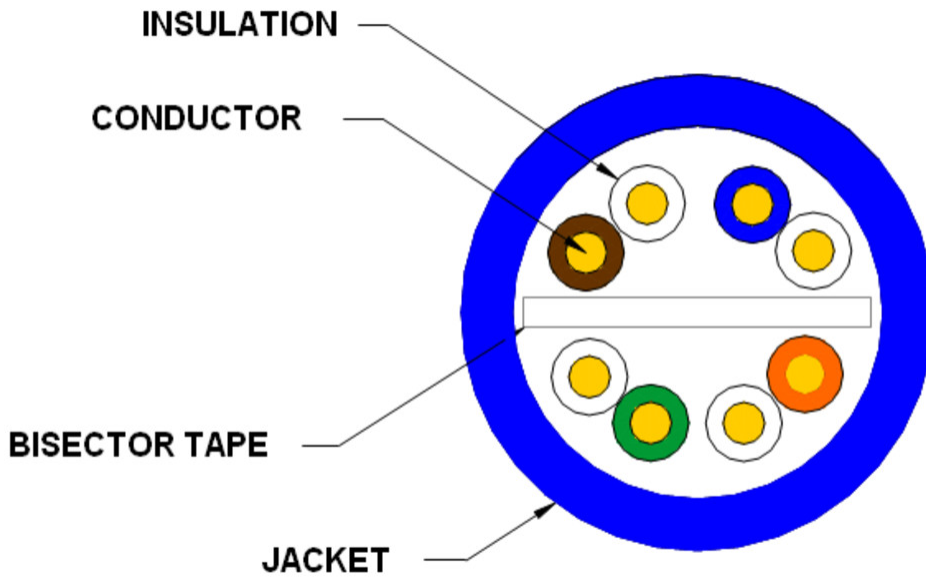


## Electrical Specifications

| | |
|---|---|
| **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** | PVC |
| **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** | -20 °C to +60 °C (-4 °F to +140 °F) |
| **Environmental Space** | Non-plenum |
| **Temperature Rating, UL** | 75 °C   |   167 °F |
| **Flame Test Method** | CMG   |   CMR |

## Packaging and Weights

| | |
|---|---|
| **Cable weight** | 38.097 kg/km   |   25.6 lb/kft |
| **Packaging Type** | Reel |

## Regulatory Compliance/Certifications

| **Agency** | **Classification** |
|---|---|
| ISO 9001:2015 | Designed, manufactured and/or distributed under this quality management system |

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