

GigaSPEED XL® 2071E-UTG ETL Verified Category 6 U/UTP Cable, plenum, orange jacket, 4 pair count, 1000 ft (305 m) length, WE TOTE® box

## Product Classification

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

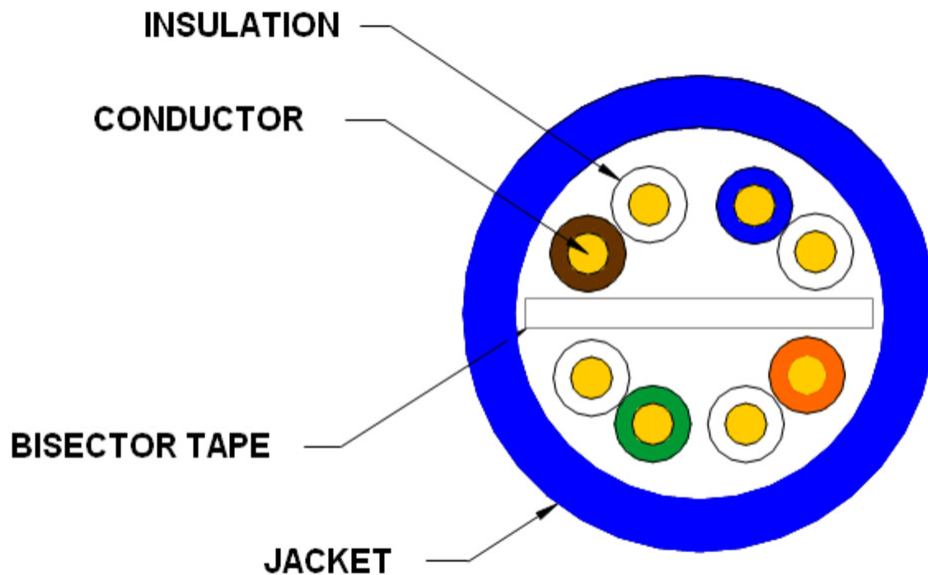
## General Specifications

|                                |  |
|--------------------------------|--|
| <b>Product Number</b>          | 2071E-UTG  |
| <b>ANSI/TIA Category</b>       | 6  |
| <b>Cable Component Type</b>    | Horizontal   |
| <b>Cable Type</b>              | U/UTP (unshielded)   |
| <b>Conductor Type, singles</b> | Solid  |
| <b>Conductors, quantity</b>    | 8  |
| <b>Jacket Color</b>            | Orange   |
| <b>Pairs, quantity</b>         | 4  |
| <b>Separator Type</b>          | Bisector   |
| <b>Transmission Standards</b>  | ANSI/TIA-568.2-D   CENELEC EN 50288-6-1   ISO/IEC 11801 Class E   UTG-10 |

## Dimensions

|  |                     |
|--|---------------------|
| <b>Cable Length</b>                      | 304.8 m   1000 ft   |
| <b>Diameter Over Insulated Conductor</b> | 1.016 mm   0.04 in  |
| <b>Diameter Over Jacket, nominal</b>     | 5.74 mm   0.226 in  |
| <b>Jacket Thickness</b>                  | 0.559 mm   0.022 in |
| <b>Conductor Gauge, singles</b>          | 23 AWG              |

## Cross Section Drawing



## Electrical Specifications

|  |   |
|--|---|
| <b>dc Resistance Unbalance, maximum</b>      | 5 %   |
| <b>dc Resistance, maximum</b>                | 7.61 ohms/100 m   2.32 ohms/100 ft  |
| <b>Dielectric Strength, minimum</b>          | 1500 Vac   2500 Vdc   |
| <b>Mutual Capacitance at Frequency</b>       | 5.6 nF/100 m @ 1 kHz  |
| <b>Nominal Velocity of Propagation (NVP)</b> | 74 %  |
| <b>Operating Frequency, maximum</b>          | 300 MHz   |
| <b>Operating Voltage, maximum</b>            | 80 V  |
| <b>Remote Powering</b>                       | 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

|                            |                            |
|----------------------------|----------------------------|
| <b>Conductor Material</b>  | Bare copper                |
| <b>Insulation Material</b> | FEP   Polyolefin           |
| <b>Jacket Material</b>     | PVC                        |
| <b>Separator Material</b>  | Flame retardant polyolefin |

## Mechanical Specifications

# UTG760245091 | 2071E-UTG ORG C6 4/23 U/UTP W1000

---

**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** Plenum

**Temperature Rating, UL** 75 °C | 167 °F

**Flame Test Method** CMP/FT6

**Smoke Test Method** CMP/FT6

## Packaging and Weights

**Cable weight** 43.157 kg/km | 29 lb/kft

**Packaging Type** WE TOTE® box

## Regulatory Compliance/Certifications

### Agency

ISO 9001:2015

### Classification

Designed, manufactured and/or distributed under this quality management system