# 760249102 | 2071E GRN C6 4/23 U/UTP W1000

GigaSPEED XL® 2071E ETL Verified Category 6 U/UTP Cable, plenum, Igreen 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                    | 2071E   |
| ANSI/TIA Category                 | 6   |
| Cable Component Type              | Horizontal  |
| Cable Type                        | U/UTP (unshielded)  |
| Conductor Type, singles           | Solid   |
| Conductors, quantity              | 8   |
| Jacket Color                      | Green   |
| 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 Insulated Conductor | 1.016 mm   0.04 in  |
| Diameter Over Jacket, nominal     | 5.74 mm   0.226 in  |
| Jacket Thickness                  | 0.559 mm   0.022 in   |
| Conductor Gauge, singles          | 23 AWG  |

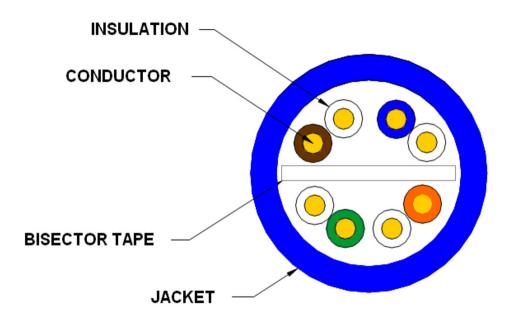
### Cross Section Drawing

Page 1 of 3

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### **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) | 74 %  |
| 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                   | FEP   Polyolefin  |
| Jacket Material                       | PVC   |

**Separator Material** 

Flame retardant polyolefin

Mechanical Specifications

Page 2 of 3

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



Page 3 of 3

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