## 700211964 | 1071E LBL C6 4/23 U/UTP W1000



GigaSPEED XL® 1071E ETL Verified Category 6 U/UTP Cable, non-plenum, light blue jacket, 4 pair count, 1000 ft (305 m) length, WE TOTE® box

#### **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 Light blue

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

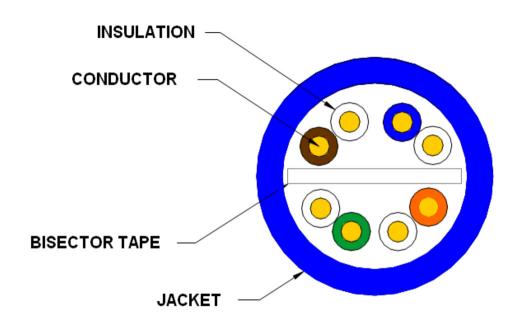
Diameter Over Insulated Conductor1.029 mm0.041 inDiameter Over Jacket, nominal5.893 mm0.232 inJacket Thickness0.559 mm0.022 in

Conductor Gauge, singles 23 AWG

Cross Section Drawing



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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, minimum1500 Vac | 2500 VdcMutual Capacitance at Frequency5.6 nF/100 m @ 1 kHz

Nominal Velocity of Propagation (NVP) 69 %

Operating Frequency, maximum300 MHzOperating Voltage, maximum80 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 MaterialBare copperInsulation MaterialPolyolefinJacket MaterialPVC

Separator Material Polyolefin

Mechanical Specifications



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Pulling Tension, maximum

11.34 kg | 25 lb

#### **Environmental Specifications**

Installation temperature  $0 \, ^{\circ}\text{C}$  to +60  $^{\circ}\text{C}$  (+32  $^{\circ}\text{F}$  to +140  $^{\circ}\text{F}$ )

Operating Temperature  $-20 \, ^{\circ}\text{C}$  to +60  $^{\circ}\text{C}$  (-4  $^{\circ}\text{F}$  to +140  $^{\circ}\text{F}$ )

Environmental SpaceNon-plenumTemperature Rating, UL75 °C | 167 °FFlame Test MethodCMG | CMR

Packaging and Weights

**Cable weight** 38.097 kg/km | 25.6 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
UK-ROHS	Compliant



