## 700210214 | 2071E LIL C6 4/23 U/UTP W1000



GigaSPEED XL® 2071E ETL Verified Category 6 U/UTP Cable, plenum, lilac 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 TypeU/UTP (unshielded)

Conductor Type, singles Solid
Conductors, quantity 8

Jacket Color Lilac

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

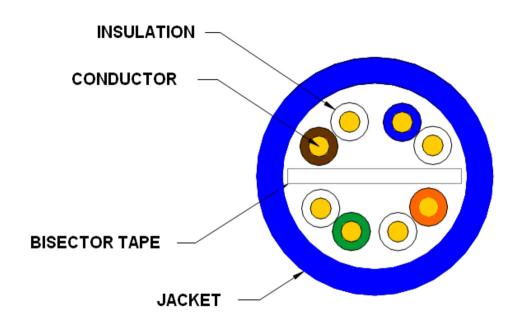
 Jacket Thickness
 0.559 mm | 0.022 in

Conductor Gauge, singles 23 AWG

Cross Section Drawing



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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) 74 %

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 Material** Bare copper

Insulation Material FEP | Polyolefin

Jacket Material PVC

Separator Material Flame retardant 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 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

Compliant

#### 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

