# 760241923 | 3071E-B WHT C6 4/23 U/UTP W1000



GigaSPEED XL® 3071E-B ETL Verified Category 6 U/UTP Cable, low smoke zero halogen, white jacket, 4 pair count, 1000 ft (305 m) length, WE TOTE® box

#### **Product Classification**

Regional Availability EMEA

Portfolio SYSTIMAX®

 Product Type
 Twisted pair cable

 Product Brand
 GigaSPEED XL®

General Specifications

**Product Number** 3071E

ANSI/TIA Category 6

Cable Component Type Horizontal

Cable Type U/UTP (unshielded)

Conductor Type, singlesSolidConductors, quantity8Jacket ColorWhitePairs, quantity4

Separator Type Bisector

Transmission Standards ANSI/TIA-568.2-D | CENELEC EN 50288-6-1 | ISO/IEC 11801 Class E

**Dimensions** 

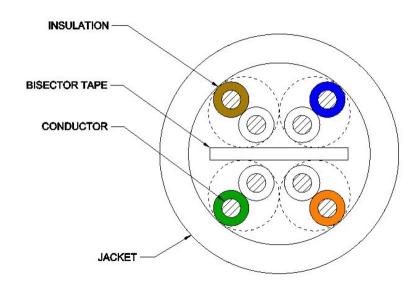
Cable Length304.8 m | 1000 ftDiameter Over Insulated Conductor1.041 mm | 0.041 inDiameter Over Jacket, nominal5.918 mm | 0.233 inJacket Thickness0.559 mm | 0.022 in

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** 2500 Vdc

**Mutual Capacitance at Frequency** 5.6 nF/100 m @ 1 kHz

Nominal Velocity of Propagation (NVP) 70 %

**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

Segregation Class c

Material Specifications

Conductor MaterialBare copperInsulation MaterialPolyolefin

Jacket Material Low Smoke Zero Halogen (LSZH)

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

Acid Gas Test Method EN 50267-2-3

EN50575 CPR Cable EuroClass Fire Performance B2ca

**EN50575 CPR Cable EuroClass Smoke Rating** s1a

EN50575 CPR Cable EuroClass Droplets Rating d0

EN50575 CPR Cable EuroClass Acidity Rating a1

**Environmental Space** Low Smoke Zero Halogen (LSZH)

Smoke Test Method IEC 61034-2

Packaging and Weights

**Cable weight** 38.097 kg/km | 25.6 lb/kft

Packaging Type WE TOTE® box

### Regulatory Compliance/Certifications

#### Agency Classification

CENELEC EN 50575 compliant, Declaration of Performance (DoP) available

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



