## 700216419 | 3071E SLT C6 4/23 U/UTP R1000





#### **Product Classification**

Regional Availability

Asia | Australia/New Zealand | EMEA | Latin America

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 ColorSlatePairs, quantity4

Separator Type Bisector

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

**Dimensions** 

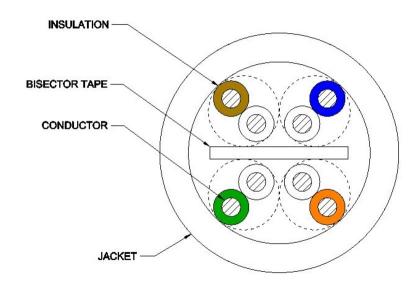
Cable Length304.8 m | 1000 ftDiameter Over Insulated Conductor1.041 mm | 0.041 inDiameter Over Jacket, nominal5.918 mm | 0.233 inJacket Thickness0.508 mm | 0.02 in

Conductor Gauge, singles 23 AWG



## 700216419 | 3071E SLT C6 4/23 U/UTP R1000

## Cross Section Drawing



### **Electrical Specifications**

dc Resistance Unbalance, maximum 5 %

dc Resistance, maximum 7.61 ohms/100 m | 2.32 ohms/100 ft

**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

Mechanical Specifications

**COMMSCOPE®** 

# 700216419 | 3071E SLT C6 4/23 U/UTP R1000

a1

**Pulling Tension, maximum** 

11.34 kg | 25 lb

### **Environmental Specifications**

**EN50575 CPR Cable EuroClass Acidity Rating** 

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

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

Acid Gas Test Method IEC 60754-2

EN50575 CPR Cable EuroClass Fire PerformanceDcaEN50575 CPR Cable EuroClass Smoke Ratings2EN50575 CPR Cable EuroClass Droplets Ratingd2

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

Flame Test Method IEC 60332-3-22
Smoke Test Method IEC 61034-2

Packaging and Weights

**Cable weight** 37.204 kg/km | 25 lb/kft

Packaging Type WE TOTE® box

## Regulatory Compliance/Certifications

#### Agency

#### Classification

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

ISO 9001:2015 Designed, manufactured and/or distributed under this quality management system



