

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

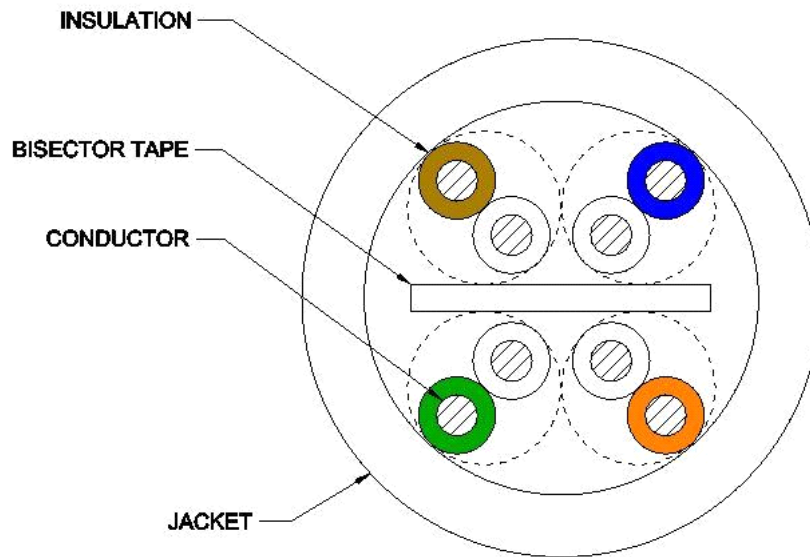
## Product Classification

<b>Portfolio</b>	SYSTIMAX®
<b>Brand</b>	GigaSPEED XL®
<b>Product Type</b>	Twisted pair cable
<b>Regional Availability</b>	Asia   Australia/New Zealand   EMEA   Latin America

## Standards And Qualifications

EN50575 CPR Cable EuroClass Dca | s2 | d2 | a1

## Cross Section Drawing



## Construction Materials

<b>Jacket Material</b>	Low Smoke Zero Halogen (LSZH)
<b>Conductor Material</b>	Bare copper
<b>Insulation Material</b>	Polyolefin

**Separator Material** Polyolefin

## Dimensions

**Cable Length** 305 m | 1000 ft  
**Cable Weight** 25.00 lb/kft  
**Diameter Over Jacket, nominal** 5.918 mm | 0.233 in  
**Jacket Thickness** 0.508 mm | 0.020 in

## Electrical Specifications

**ANSI/TIA Category** 6  
**dc Resistance Unbalance, maximum** 5 %  
**dc Resistance, maximum** 7.61 ohms/100 m  
**Mutual Capacitance at Frequency** 5.6 nF/100 m @ 1 kHz  
**Nominal Velocity of Propagation (NVP)** 69 %  
**Operating Frequency, maximum** 300 MHz  
**Operating Voltage, maximum** 80 V  
**Transmission Standards** ANSI/TIA-568-C.2 | CENELEC EN 50288-6-1 | ISO/IEC 11801 Class E

## Environmental Specifications

**Environmental Space** Low Smoke Zero Halogen (LSZH)  
**Smoke Test Method** IEC 61034-2  
**Acid Gas Test Method** IEC 60754-2  
**Flame Test Method** IEC 60332-3-22  
**Installation Temperature** 0 °C to +60 °C (+32 °F to +140 °F)  
**Operating Temperature** -20 °C to +60 °C (-4 °F to +140 °F)

## General Specifications

**Cable Type** U/UTP (unshielded)  
**Packaging Type** WE TOTE® box  
**Pairs, quantity** 4  
**Cable Component Type** Horizontal  
**Jacket Color** Slate  
**Product Number** 3071E  
**Conductor Gauge, singles** 23 AWG  
**Conductor Type, singles** Solid  
**Conductors, quantity** 8  
**Separator Type** Bisector

## Mechanical Specifications

**Pulling Tension, maximum** 11 kg | 25 lb

## Regulatory Compliance/Certifications

Agency	Classification
RoHS 2011/65/EU	Compliant
ISO 9001:2015	Designed, manufactured and/or distributed under this quality management system
CENELEC	EN 50575 compliant, Declaration of Performance (DoP) available

