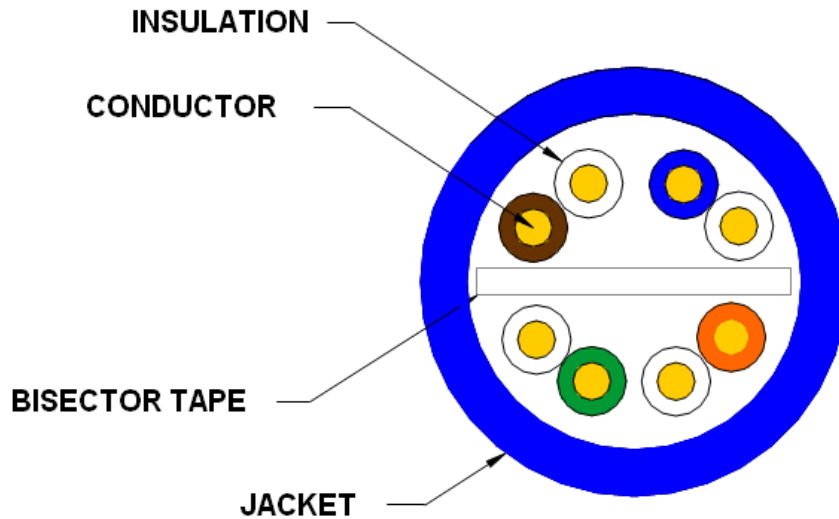




700212103 | 1071E OR 4/23 W1000

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

## Cross Section Drawing



## Construction Materials

Jacket Material	PVC
Conductor Material	Bare copper
Insulation Material	Polyolefin
Separator Material	Polyolefin

## Dimensions

Cable Length	305 m   1000 ft
Cable Weight	25.60 lb/kft
Diameter Over Jacket	5.893 mm   0.232 in
Jacket Thickness	0.559 mm   0.022 in

## Electrical Specifications

ANSI/TIA Category	6
dc Resistance Unbalance, maximum	5 %
dc Resistance, maximum	7.61 ohms/100 m
Mutual Capacitance	5.6 nF/100 m @ 1 kHz
Nominal Velocity of Propagation (NVP)	69 %
Operating Frequency, maximum	300 MHz
Operating Voltage, maximum	80 V

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Transmission Standards      ANSI/TIA-568-C.2 | CENELEC EN 50288-6-1 | ISO/IEC 11801 Class E  
Dielectric Strength, minimum      1500 Vac | 2500 Vdc

## Environmental Specifications

Environmental Space      Non-plenum  
Flame Test Method      CMG | CMR  
Installation Temperature      0 °C to +60 °C (+32 °F to +140 °F)  
Operating Temperature      -20 °C to +60 °C (-4 °F to +140 °F)  
UL Temperature Rating      75 °C | 167 °F

## General Specifications

Cable Type      U/UTP (unshielded)  
Pairs, quantity      4  
Cable Component Type      Horizontal  
Packaging Type      WE TOTE® box  
Brand      GigaSPEED XL® | SYSTIMAX®  
Jacket Color      Orange  
Product Number      1071E  
Conductor Gauge, singles      23 AWG  
Conductor Type, singles      Solid  
Conductors, quantity      8  
Ordering Note      Not available in Europe, the Middle East, or Africa  
Separator Type      Bisector

## Mechanical Specifications

Pulling Tension, maximum      11 kg | 25 lb

## Regulatory Compliance/Certifications

Agency	Classification
RoHS 2011/65/EU	Compliant
ISO 9001:2008	Designed, manufactured and/or distributed under this quality management system

