

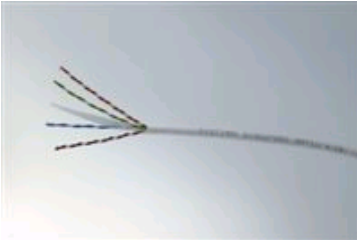
# Product Specifications



3071E WH 4/23 W1000

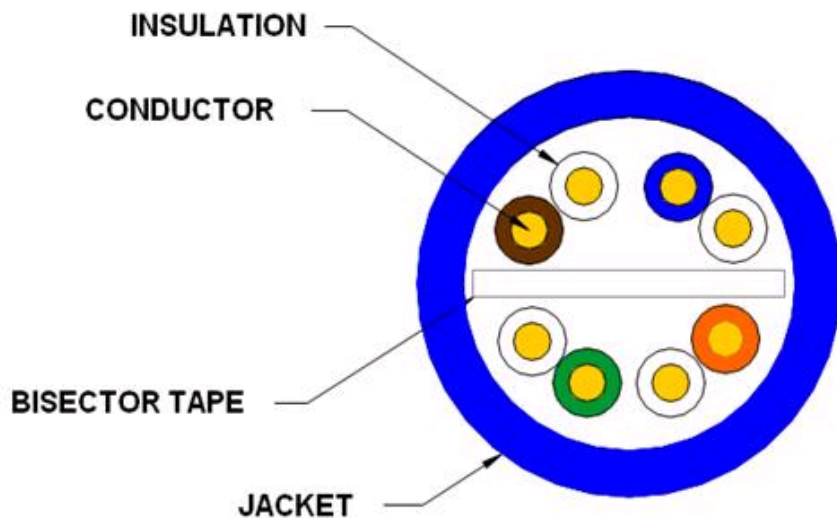
Material ID: 700216450

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



## CHARACTERISTICS

### Cross Section Drawing



### Construction Materials

Conductor Material	Bare copper
Insulation Material	Polyolefin
Jacket Material	Low Smoke Zero Halogen (LSZH)
Separator Material	Polyolefin

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# Product Specifications

3071E WH 4/23 W1000 - Material ID: 700216450



## Dimensions

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

## Electrical Specifications

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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
Transmission Standards	ANSI/TIA-568-C.2   CENELEC EN 50288 -6-1   ISO/IEC 11801 Class E

## Environmental Specifications

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Environmental Space	Low Smoke Zero Halogen (LSZH)
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)
Smoke Test Method	IEC 61034-2

## General Specifications

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

## Mechanical Specifications

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Pulling Tension, maximum	11 kg   25 lb
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# Product Specifications

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## Regulatory Compliance/Certifications

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### Agency

RoHS 2002/95/EC  
ISO 9001:2008

### Classification

Compliant  
Compliant

