Product Specifications

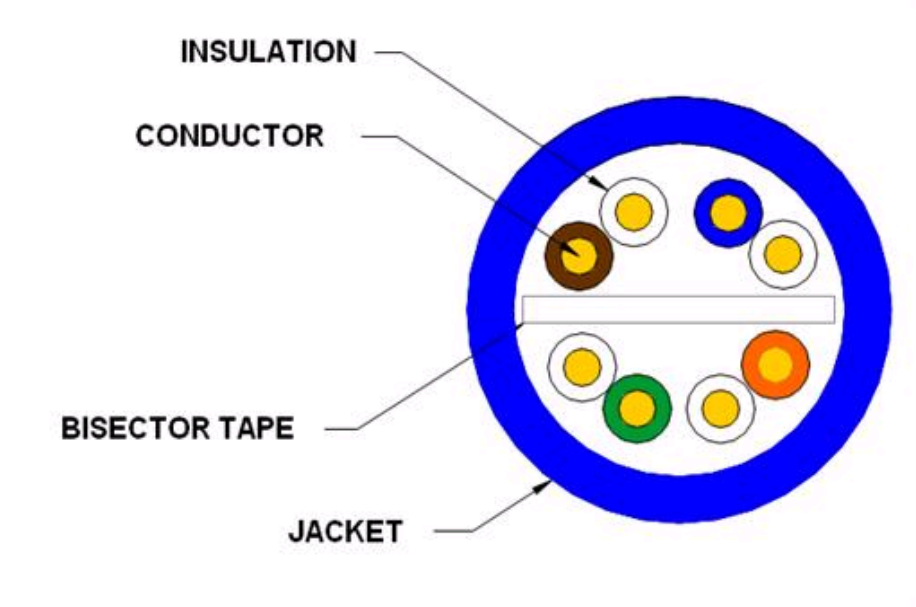COMMSCOPE®

1071E RD 4/23 W1000
Material ID: 700212020

GigaSPEED® XL 1071E ETL Verified Category 6 U/UTP Cable, non-plenum, red 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	PVC
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

Product Specifications

COMMSCOPE®

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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
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)

General Specifications

Brand	GigaSPEED® XL | SYSTIMAX®
Cable Component Type	Horizontal
Cable Type	U/UTP (unshielded)
Pairs, quantity	4
Jacket Color	Red
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
Packaging Type	WE TOTE® box
Product Number	1071E

Mechanical Specifications

Pulling Tension, maximum	11 kg	25 lb

Regulatory Compliance/Certifications

Agency	Classification
RoHS 2002/95/EC	Compliant
ISO 9001:2008	Designed, manufactured and/or distributed under this quality management system

RoHS COMPLIANT