



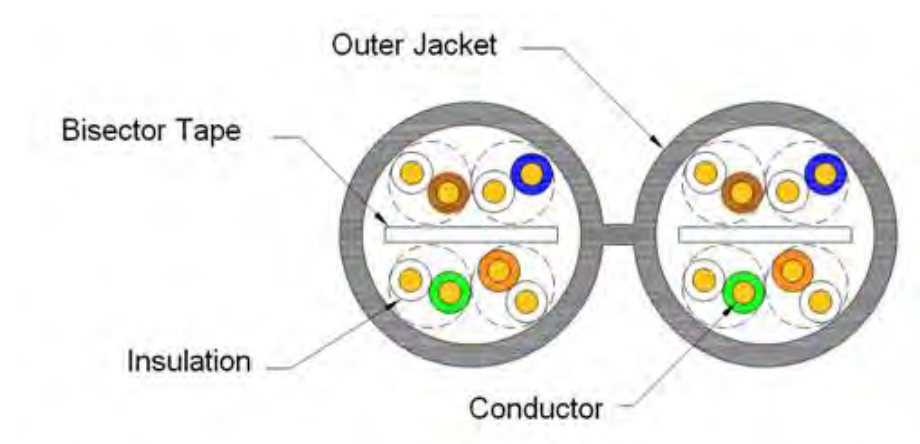
760074138 | 1071E WH 8/23 R1000

GigaSPEED XL® 1071E Category 6 U/UTP Cable, non-plenum, white jacket, 8 pair count, 1000 ft (305 m) length, reel

POWERED BY

SYSTIMAX®

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	52.00 lb/kft
Height Over Jacket	5.893 mm 0.232 in
Jacket Thickness	0.559 mm 0.022 in
Width Over Jacket	12.548 mm 0.494 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

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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	8
Cable Component Type	Horizontal
Brand	GigaSPEED XL® SYSTIMAX®
Jacket Color	White
Conductor Gauge, singles	23 AWG
Conductor Type, singles	Solid
Conductors, quantity	16
Ordering Note	Not available in Europe, the Middle East, or Africa
Separator Type	Bisector
Packaging Type	Reel
Product Number	1071E

Mechanical Specifications

Pulling Tension, maximum	11 kg 25 lb
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Regulatory Compliance/Certifications

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

