Product Specifications

COMMSCOPE®

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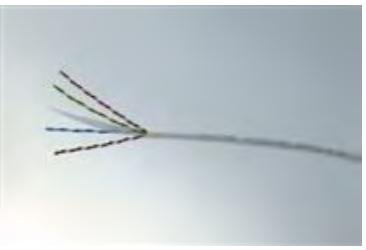
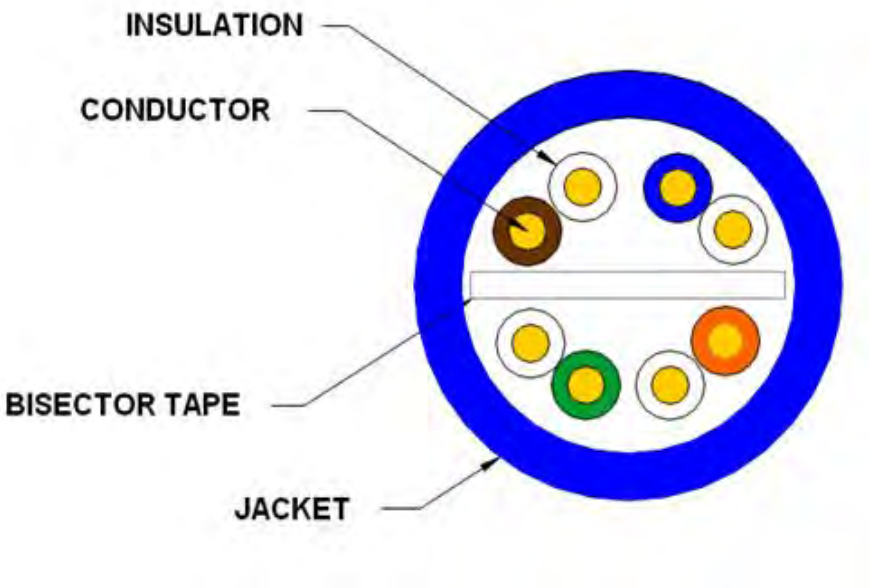


760157651 | 3071E SL 4/23 R3000

GigaSPEED XL® 3071 ETL Verified Category 6 U/UTP Cable, low smoke zero halogen, slate jacket, 4 pair count, 3000 ft (914 m) length, reel; GigaSPEED® XL 3071 ETL Verified Category 6 U/UTP Cable, low smoke zero halogen, spring green jacket, 4 pair count, 1000 ft (305 m) length, WE TOTE® box

Cross Section Drawing



Construction Materials

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

Dimensions

Cable Length	914 m | 3000 ft
Cable Length Tolerance	±5%
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

ANSI/TIA Category	6
dc Resistance Unbalance, maximum	5 %

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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

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

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

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