Product Specifications

COMMSCOPE®

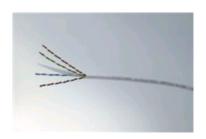## 700216484 | 3071E BL 4/23 R1000

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

Cross Section Drawing

Construction Materials

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

Dimensions

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

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

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

RoHS COMPLIANT