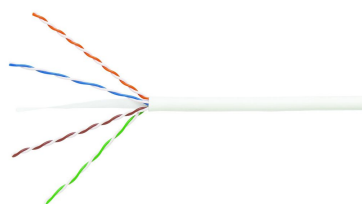# 760177394 | 5071A GRN C6 4/23 U/UTP R3000

GigaSPEED XL® 5071A ETL Verified Category 6 U/UTP Cable, LSZH, non-plenum CMR rated, green jacket, 4 pair count, 3000 ft (914 m) length, reel

Product Classification

Regional Availability	Asia	Australia/New Zealand	EMEA	Latin America	North America
Portfolio	SYSTIMAX®
Product Type	Twisted pair cable
Product Brand	GigaSPEED XL®

General Specifications

Product Number	5071A
ANSI/TIA Category	6
Cable Component Type	Horizontal
Cable Type	U/UTP (unshielded)
Conductor Type, singles	Solid
Conductors, quantity	8
Jacket Color	Green
Note	A maximum recommended horizontal cable length is 70 meters (230 feet) for a 75C environment	Elevated temperatures may require cable length derating per ANSI/TIA 568-C.2 Annex G to ensure channel insertion loss compliance
Pairs, quantity	4
Separator Type	Bisector
Transmission Standards	ANSI/TIA-568.2-D	CENELEC EN 50288-6-1	ISO/IEC 11801 Class E

Dimensions

Cable Length	914.4 m	3000 ft
Diameter Over Jacket, nominal	6.096 mm	0.24 in
Jacket Thickness	0.635 mm	0.025 in
Conductor Gauge, singles	23 AWG

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Cross Section Drawing

INSULATION

CONDUCTOR

BISECTOR TAPE

JACKET
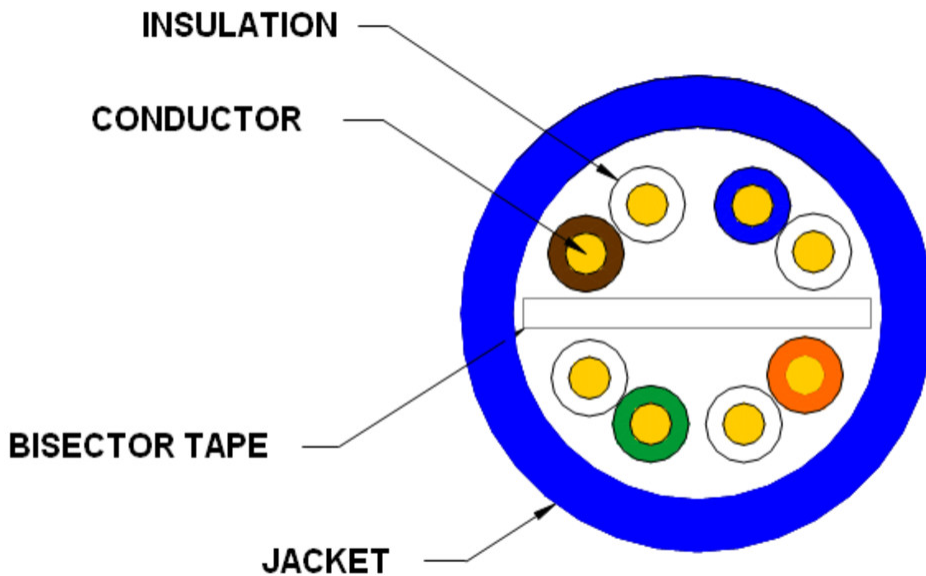
Electrical Specifications

dc Resistance Unbalance, maximum	5 %
dc Resistance, maximum	7.61 ohms/100 m	2.32 ohms/100 ft
Dielectric Strength, minimum	1500 Vac	2500 Vdc
Mutual Capacitance at Frequency	5.6 nF/100 m @ 1 kHz
Nominal Velocity of Propagation (NVP)	69 %
Operating Frequency, maximum	300 MHz
Operating Voltage, maximum	80 V
Remote Powering	Fully complies with the recommendations set forth by IEEE 802.3bt (Type 4) for the safe delivery of power over LAN cable when installed according to ISO/IEC 14763-2, CENELEC EN 50174-1, CENELEC EN 50174-2 or TIA TSB-184-A

Material Specifications

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

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Mechanical Specifications

Pulling Tension, maximum	11.34 kg | 25 lb

Environmental Specifications

Installation temperature	0 °C to +60 °C (+32 °F to +140 °F)
Operating Temperature	-40 °C to +75 °C (-40 °F to +167 °F)
Environmental Space	Low Smoke Zero Halogen (LSZH) | Non-plenum
Temperature Rating, UL	75 °C | 167 °F
Fire Safety Listing	CM-LS | CMR
Flame Test Method	UL 1666 | UL 1685
Smoke Test Method	UL 1685-LS

Packaging and Weights

Cable weight	41.564 kg/km | 27.93 lb/kft
Packaging Type	Reel

Regulatory Compliance/Certifications

Agency	Classification
CHINA-ROHS	Below maximum concentration value
ISO 9001:2015	Designed, manufactured and/or distributed under this quality management system
REACH-SVHC	Compliant as per SVHC revision on www.commscope.com/ProductCompliance
ROHS	Compliant

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