760106054 | 3091B WHT C6A 4/23 U/UTP R3000

GigaSPEED X10D® 3091B ETL Verified Category 6A U/UTP Cable, white jacket, 4 pair count, 3000 ft (914 m) length, reel
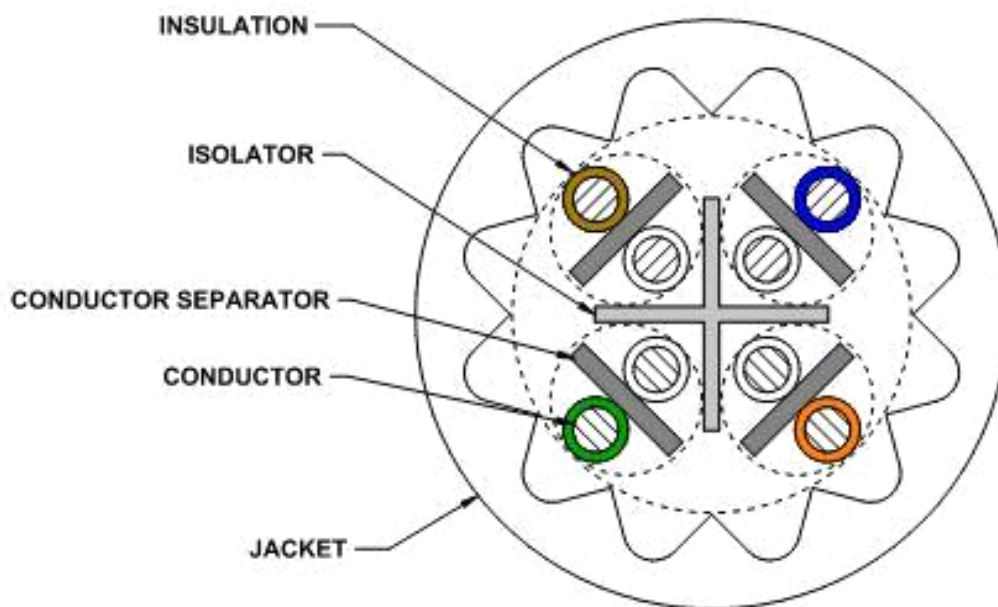
Product Classification

Portfolio	SYSTIMAX®
Brand	GigaSPEED X10D®
Product Type	Twisted pair cable
Regional Availability	Asia	Australia/New Zealand	EMEA	Latin America

Standards And Qualifications

EN50575 CPR Cable EuroClass	Dca	s2	d2	a1

Cross Section Drawing

Construction Materials

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

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Separator Material	Polyolefin
Separator 2 Material	Polyolefin

Dimensions

Cable Length	914 m	3000 ft
Cable Length Tolerance	±5%
Cable Weight	36.90 lb/kft
Diameter Over Jacket, nominal	7.239 mm	0.285 in
Jacket Thickness	1.295 mm	0.051 in

Electrical Specifications

ANSI/TIA Category	6A
dc Resistance Unbalance, maximum	4 %
dc Resistance, maximum	7.61 ohms/100 m
Mutual Capacitance at Frequency	6.0 nF/100 m @ 1 kHz
Nominal Velocity of Propagation (NVP)	66 %
Operating Frequency, maximum	550 MHz
Operating Voltage, maximum	80 V
Transmission Standards	ANSI/TIA-568-C.2	ISO/IEC 11801 Class EA

Environmental Specifications

Environmental Space	Low Smoke Zero Halogen (LSZH)
Smoke Test Method	IEC 61034-2
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)

General Specifications

Cable Type	U/UTP (unshielded)
Packaging Type	Reel
Pairs, quantity	4
Cable Component Type	Horizontal
Jacket Color	White
Product Number	3091B
Conductor Gauge, singles	23 AWG
Conductor Type, singles	Solid
Conductors, quantity	8
Separator Type	Isolator

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Mechanical Specifications

Pulling Tension, maximum   11 kg | 25 lb

Regulatory Compliance/Certifications

Agency	Classification
RoHS 2011/65/EU	Compliant
ISO 9001:2015	Designed, manufactured and/or distributed under this quality management system
CENELEC	EN 50575 compliant, Declaration of Performance (DoP) available

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