

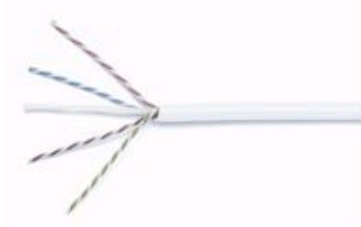
Product Specifications



3091B WH 4/23 R3000

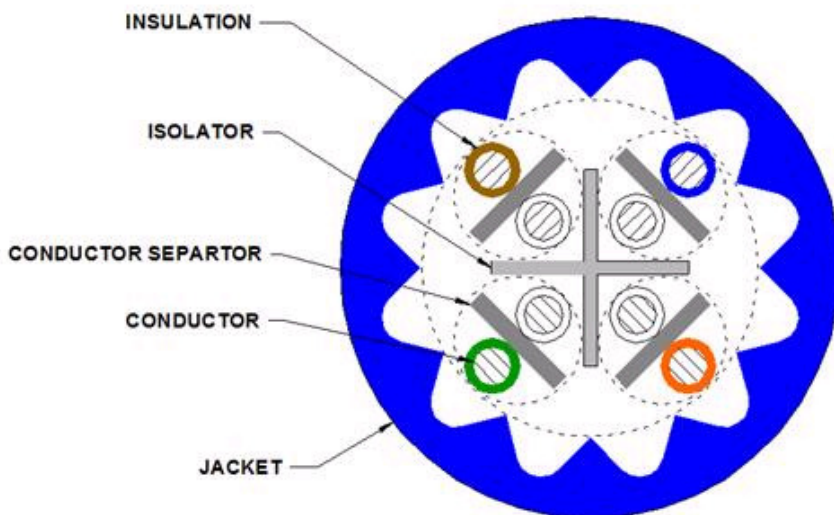
Material ID: 760106054

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



CHARACTERISTICS

Cross Section Drawing



Construction Materials

Conductor Material	Bare copper
Insulation Material	Polyolefin
Jacket Material	Low Smoke Zero Halogen (LSZH)
Separator Material	Polyolefin
Separator 2 Material	Polyolefin

Product Specifications



3091B WH 4/23 R3000

Dimensions

Cable Length	914 m 3000 ft
Cable Weight	36.90 lbs/kft
Diameter Over Jacket	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	8.00 ohms/100 m
Mutual Capacitance	6.0 nF/100 m @ 1 kHz
Nominal Velocity of Propagation (NVP)	66 %
Operating Frequency, maximum	550 MHz
Transmission Standards	ANSI/TIA-568-C.2

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, Part 2

General Specifications

Brand	GigaSPEED® X10D SYSTIMAX®
Cable Component Type	Horizontal
Cable Type	U/UTP (unshielded)
Pairs, quantity	4
Jacket Color	White
Conductor Gauge, singles	23 AWG
Conductor Type, singles	Solid
Conductors, quantity	8
Packaging Type	Reel
Product Number	3091B
Separator Type	Isolator

Mechanical Specifications

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

Agency
RoHS 2002/95/EC

Classification
Compliant

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page 2 of 3
11/20/2009

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3091B WH 4/23 R3000



ISO 9001:2008

Compliant

