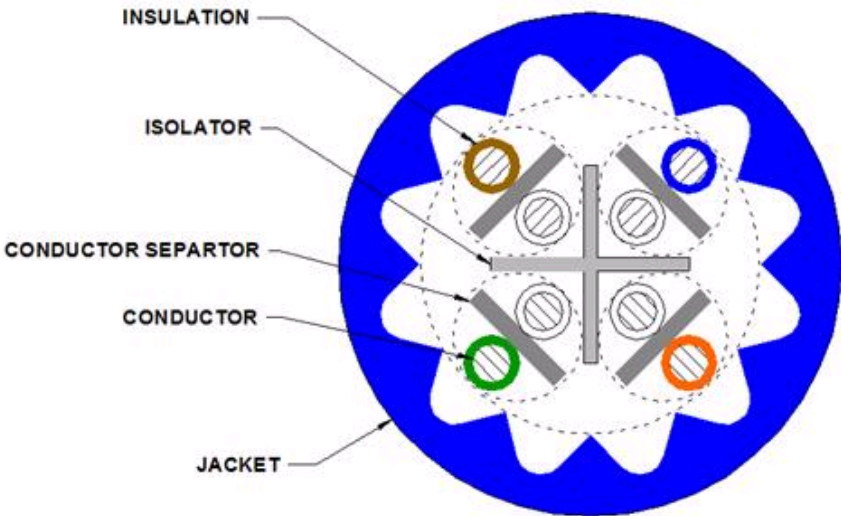


760151944 | 5091A SL 4/23 W1000

GigaSPEED® X10D 5091A ETL Verified Category 6A U/UTP Cable, LSZH, non-plenum CMR rated, slate jacket, 4 pair count, 1000 ft (305 m) length, WE TOTE® box

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

Dimensions

Cable Length	305 m 1000 ft
Cable Weight	36.90 lb/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

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Nominal Velocity of Propagation (NVP)	65 %
Operating Frequency, maximum	550 MHz
Operating Voltage, maximum	80 V
Transmission Standards	ANSI/TIA-568-C.2 ISO/IEC 11801 Class EA
Dielectric Strength, minimum	1500 Vac 2500 Vdc

Environmental Specifications

Environmental Space	Low Smoke Zero Halogen (LSZH) Non-plenum
Fire Safety Listing	CM-LS CMG CMR
Flame Test Method	UL 1666 UL 1685
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	UL 1685-LS
UL Temperature Rating	75 °C 167 °F

General Specifications

Brand	GigaSPEED® X10D SYSTIMAX®
Cable Component Type	Horizontal
Cable Type	U/UTP (unshielded)
Pairs, quantity	4
Jacket Color	Slate
Conductor Gauge, singles	23 AWG
Conductor Type, singles	Solid
Conductors, quantity	8
Separator Type	Isolator
Packaging Type	WE TOTE® box
Product Number	5091A

Mechanical Specifications

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

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

