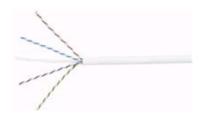
Product Specifications

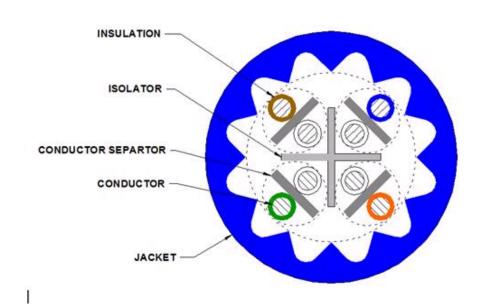




760151944 | 5091A SL 4/23 W1000

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

Product Specifications



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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

Regulatory Compliance/Certifications

AgencyRoHS 2002/95/EC

Compliant

ISO 9001:2008 Designed, manufactured and/or distributed under this quality management system

