### 760106039 | 3091B BLU C6A 4/23 U/UTP R1000



GigaSPEED X10D® 3091B ETL Verified Category 6A U/UTP Cable, blue jacket, 4 pair count, 1000 ft (305 m) length, reel

#### **Product Classification**

Regional Availability

Asia | Australia/New Zealand | EMEA | Latin America

Portfolio SYSTIMAX®

 Product Type
 Twisted pair cable

 Product Brand
 GigaSPEED X10D®

General Specifications

Product Number 3091B
ANSI/TIA Category 6A

Cable Component Type Horizontal

Cable Type U/UTP (unshielded)

Conductor Type, singles

Conductors, quantity

Blue

Pairs, quantity

4

Separator Type Isolator

Transmission Standards ANSI/TIA-568.2-D | ISO/IEC 11801 Class EA

**Dimensions** 

 Cable Length
 304.8 m | 1000 ft

 Diameter Over Insulated Conductor
 0.864 mm | 0.034 in

 Diameter Over Jacket, nominal
 7.239 mm | 0.285 in

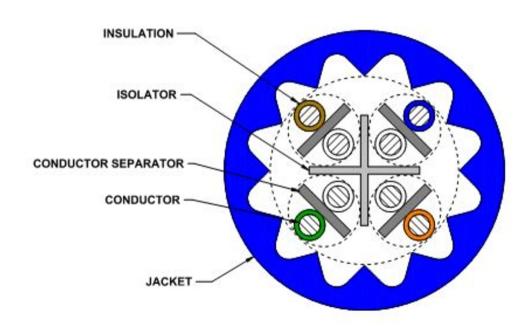
 Jacket Thickness
 1.295 mm | 0.051 in

Conductor Gauge, singles 23 AWG



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#### Cross Section Drawing



#### **Electrical Specifications**

dc Resistance Unbalance, maximum 4 %

dc Resistance, maximum 7.61 ohms/100 m | 2.32 ohms/100 ft

**Dielectric Strength, minimum** 2500 Vdc

Mutual Capacitance at Frequency 6.0 nF/100 m @ 1 kHz

Nominal Velocity of Propagation (NVP) 67 %

Operating Frequency, maximum 550 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

Segregation Class c

Material Specifications

Conductor MaterialBare copperInsulation MaterialPolyolefin

Jacket Material Low Smoke Zero Halogen (LSZH)

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Separator MaterialPolyolefinSeparator 2 MaterialPolyolefin

Mechanical Specifications

**Pulling Tension, maximum** 11.34 kg | 25 lb

**Environmental Specifications** 

Installation temperature  $0 \,^{\circ}\text{C}$  to +60  $^{\circ}\text{C}$  (+32  $^{\circ}\text{F}$  to +140  $^{\circ}\text{F}$ )

Operating Temperature  $-20 \,^{\circ}\text{C}$  to +60  $^{\circ}\text{C}$  (-4  $^{\circ}\text{F}$  to +140  $^{\circ}\text{F}$ )

Acid Gas Test Method IEC 60754-2

EN50575 CPR Cable EuroClass Fire PerformanceDcaEN50575 CPR Cable EuroClass Smoke Ratings2EN50575 CPR Cable EuroClass Droplets Ratingd2EN50575 CPR Cable EuroClass Acidity Ratinga1

Environmental Space Low Smoke Zero Halogen (LSZH)

Flame Test Method IEC 60332-3-22 Smoke Test Method IEC 61034-2

Packaging and Weights

**Cable weight** 54.913 kg/km | 36.9 lb/kft

Below maximum concentration value

Packaging Type Reel

#### Regulatory Compliance/Certifications

# AgencyClassificationCENELECEN 50575 compliant, Declaration of Performance (DoP) available

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 UK-ROHS Compliant



CHINA-ROHS

