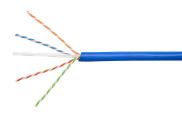
## 760240844 | 3091B-B BLT 4/23 W1000



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

#### Product Classification

| Regional Availability             | EMEA                                      |
|-----------------------------------|---|
| Portfolio                         | SYSTIMAX®                                 |
| Product Type                      | Twisted pair cable                        |
| Product Brand                     | GigaSPEED X10D®                           |
| General Specifications            |   |
| Product Number                    | 3091B-B                                   |
| ANSI/TIA Category                 | 6A  |
| Cable Component Type              | Horizontal                                |
| Cable Type                        | U/UTP (unshielded)                        |
| Conductor Type, singles           | Solid                                     |
| Conductors, quantity              | 8   |
| Jacket Color                      | 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                       |

1.295 mm | 0.051 in 23 AWG

Conductor Gauge, singles

**Jacket Thickness** 

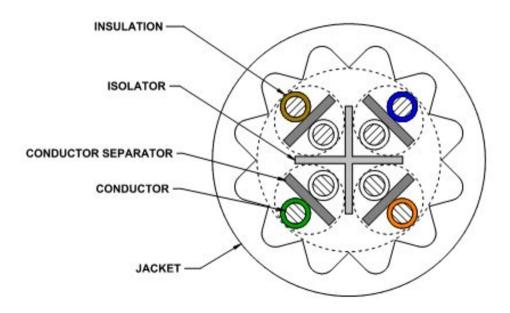
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### Cross Section Drawing



### **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                     | с   |
| Material Specifications               |   |
| Conductor Material                    | Bare copper   |
| Insulation Material                   | Polyolefin  |
| Jacket Material                       | Low Smoke Zero Halogen (LSZH)   |
| Separator Material                    | Polyolefin  |

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| Separator 2 Material         | Polyolefin       |
|------------------------------|------------------|
| Mechanical Specifications    |                  |
| Pulling Tension, maximum     | 11.34 kg   25 lb |
| Environmental Specifications |                  |

| Installation temperature                     | 0 °C to +60 °C (+32 °F to +140 °F)  |
|--|-------------------------------------|
| Operating Temperature                        | -20 °C to +60 °C (-4 °F to +140 °F) |
| Acid Gas Test Method                         | EN 50267-2-3                        |
| EN50575 CPR Cable EuroClass Fire Performance | B2ca                                |
| EN50575 CPR Cable EuroClass Smoke Rating     | s1a                                 |
| EN50575 CPR Cable EuroClass Droplets Rating  | d0                                  |
| EN50575 CPR Cable EuroClass Acidity Rating   | a1                                  |
| Environmental Space                          | Low Smoke Zero Halogen (LSZH)       |
| Smoke Test Method                            | IEC 61034-2                         |
| Packaging and Weights                        |                                     |
| Cable weight                                 | 55.955 kg/km   37.6 lb/kft          |

#### Packaging Type

WE TOTE® box

### Regulatory Compliance/Certifications

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

#### CENELEC

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