

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

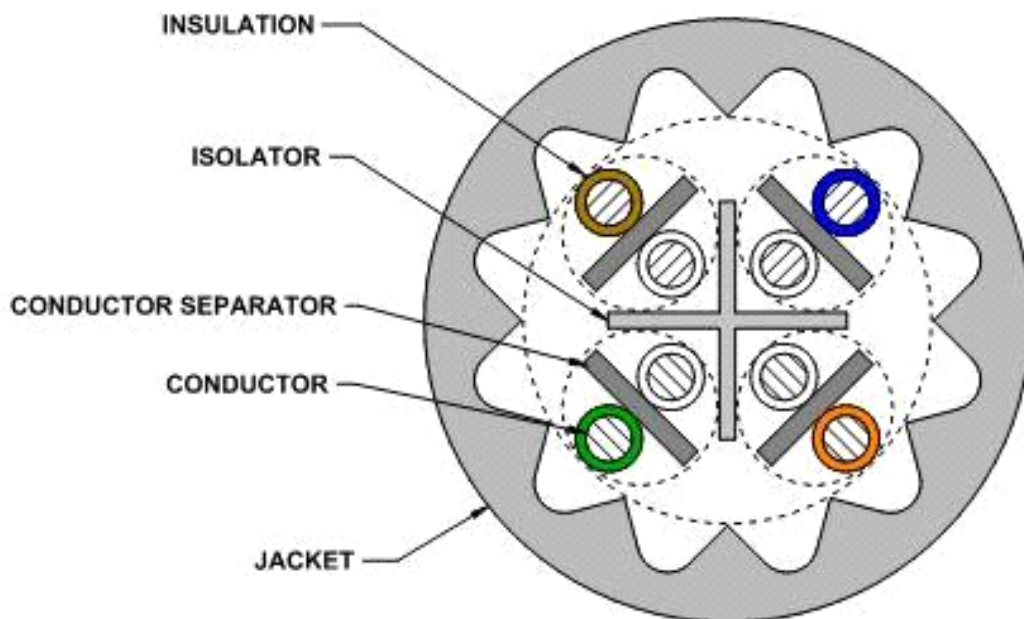
## Product Classification

|                              |                                                     |
|------------------------------|-----------------------------------------------------|
| <b>Portfolio</b>             | SYSTIMAX®                                           |
| <b>Brand</b>                 | GigaSPEED X10D®                                     |
| <b>Product Type</b>          | Twisted pair cable                                  |
| <b>Regional Availability</b> | Asia   Australia/New Zealand   EMEA   Latin America |

## Standards And Qualifications

EN50575 CPR Cable EuroClass Dca | s2 | d2 | a1

## Cross Section Drawing



## Construction Materials

|                           |                               |
|---------------------------|-------------------------------|
| <b>Jacket Material</b>    | Low Smoke Zero Halogen (LSZH) |
| <b>Conductor Material</b> | Bare copper                   |

|                             |            |
|-----------------------------|------------|
| <b>Insulation Material</b>  | Polyolefin |
| <b>Separator Material</b>   | Polyolefin |
| <b>Separator 2 Material</b> | Polyolefin |

## Dimensions

|                                      |                     |
|--------------------------------------|---------------------|
| <b>Cable Length</b>                  | 305 m   1000 ft     |
| <b>Cable Weight</b>                  | 36.90 lb/kft        |
| <b>Diameter Over Jacket, nominal</b> | 7.239 mm   0.285 in |
| <b>Jacket Thickness</b>              | 1.295 mm   0.051 in |

## Electrical Specifications

|                                              |                                                                                                                                                                                                                               |
|----------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>ANSI/TIA Category</b>                     | 6A                                                                                                                                                                                                                            |
| <b>dc Resistance Unbalance, maximum</b>      | 4 %                                                                                                                                                                                                                           |
| <b>dc Resistance, maximum</b>                | 7.61 ohms/100 m                                                                                                                                                                                                               |
| <b>Mutual Capacitance at Frequency</b>       | 6.0 nF/100 m @ 1 kHz                                                                                                                                                                                                          |
| <b>Nominal Velocity of Propagation (NVP)</b> | 66 %                                                                                                                                                                                                                          |
| <b>Operating Frequency, maximum</b>          | 550 MHz                                                                                                                                                                                                                       |
| <b>Operating Voltage, maximum</b>            | 80 V                                                                                                                                                                                                                          |
| <b>Remote Powering</b>                       | 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 |
| <b>Transmission Standards</b>                | ANSI/TIA-568-C.2   ISO/IEC 11801 Class EA                                                                                                                                                                                     |

## Environmental Specifications

|                                 |                                     |
|---------------------------------|-------------------------------------|
| <b>Environmental Space</b>      | Low Smoke Zero Halogen (LSZH)       |
| <b>Smoke Test Method</b>        | IEC 61034-2                         |
| <b>Acid Gas Test Method</b>     | IEC 60754-2                         |
| <b>Flame Test Method</b>        | IEC 60332-3-22                      |
| <b>Installation Temperature</b> | 0 °C to +60 °C (+32 °F to +140 °F)  |
| <b>Operating Temperature</b>    | -20 °C to +60 °C (-4 °F to +140 °F) |

## General Specifications

|                                 |                    |
|---------------------------------|--------------------|
| <b>Cable Type</b>               | U/UTP (unshielded) |
| <b>Packaging Type</b>           | WE TOTE® box       |
| <b>Pairs, quantity</b>          | 4                  |
| <b>Cable Component Type</b>     | Horizontal         |
| <b>Jacket Color</b>             | Slate              |
| <b>Product Number</b>           | 3091B              |
| <b>Conductor Gauge, singles</b> | 23 AWG             |

|                                |          |
|--------------------------------|----------|
| <b>Conductor Type, singles</b> | Solid    |
| <b>Conductors, quantity</b>    | 8        |
| <b>Separator Type</b>          | Isolator |

## Mechanical Specifications

**Pulling Tension, maximum** 11 kg | 25 lb

## Regulatory Compliance/Certifications

| <b>Agency</b>   | <b>Classification</b>                                                          |
|-----------------|--------------------------------------------------------------------------------|
| RoHS 2011/65/EU | Compliant                                                                      |
| ISO 9001:2015   | Designed, manufactured and/or distributed under this quality management system |
| CENELEC         | EN 50575 compliant, Declaration of Performance (DoP) available                 |

