

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

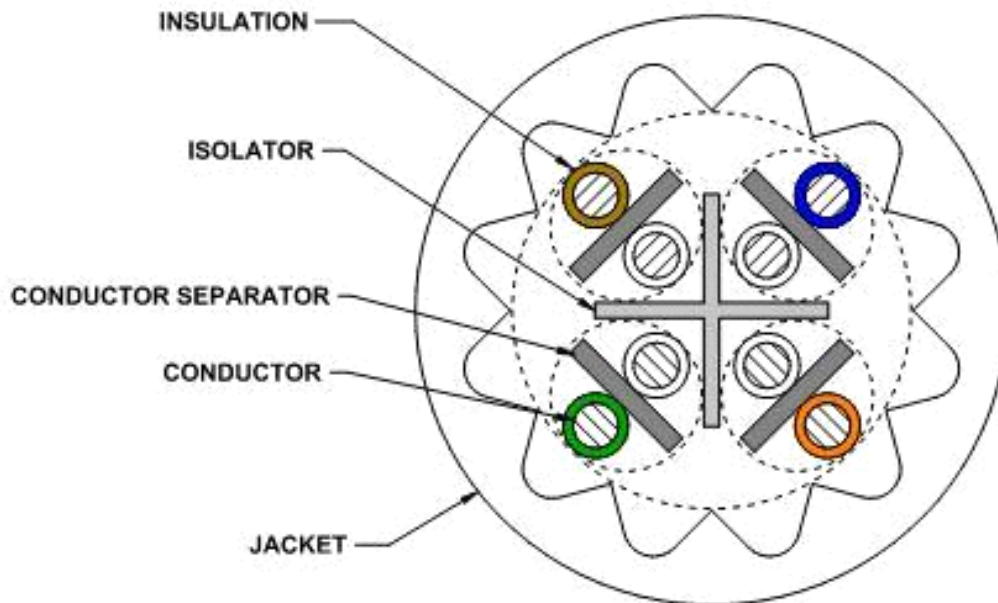
Product Classification

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

Standards And Qualifications

EN50575 CPR Cable EuroClass Dca | s2 | d2 | a1

Cross Section Drawing



Construction Materials

| | |
|----------------------------|-------------------------------|
| Jacket Material | Low Smoke Zero Halogen (LSZH) |
| Conductor Material | Bare copper |
| Insulation Material | Polyolefin |

| | |
|-----------------------------|------------|
| Separator Material | Polyolefin |
| Separator 2 Material | Polyolefin |

Dimensions

| | |
|--------------------------------------|---------------------|
| Cable Length | 305 m 1000 ft |
| Cable Weight | 36.90 lb/kft |
| Diameter Over Jacket, nominal | 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 | 7.61 ohms/100 m |
| Mutual Capacitance at Frequency | 6.0 nF/100 m @ 1 kHz |
| Nominal Velocity of Propagation (NVP) | 66 % |
| 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 |
| Transmission Standards | ANSI/TIA-568-C.2 ISO/IEC 11801 Class EA |

Environmental Specifications

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

General Specifications

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

Conductors, quantity 8
Separator Type Isolator

Mechanical Specifications

Pulling Tension, maximum 11 kg | 25 lb

Regulatory Compliance/Certifications

| Agency | Classification |
|-----------------|--|
| 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 |

