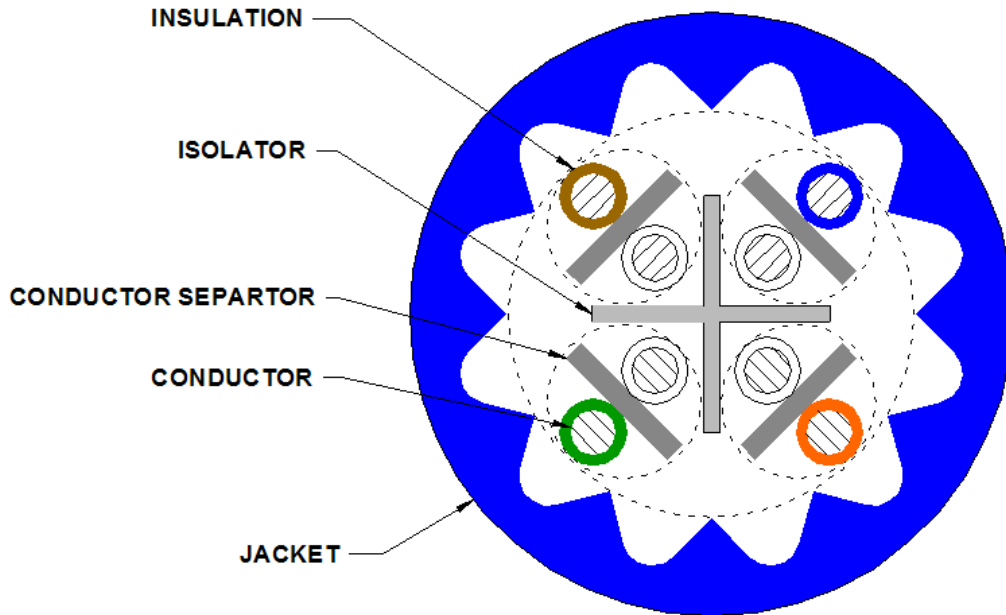


GigaSPEED X10D® 2091B ETL Verified Category 6A U/UTP Cable, blue jacket, 4 pair count, 1000 ft (305 m) length, reel

Product Classification

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

Cross Section Drawing



Construction Materials

| | |
|-----------------------------|-------------|
| Jacket Material | PVC |
| Conductor Material | Bare copper |
| Insulation Material | FEP |
| Separator Material | FEP |
| Separator 2 Material | Polyolefin |

Dimensions

| | |
|--------------------------------------|---------------------|
| Cable Length | 305 m 1000 ft |
| Cable Weight | 40.70 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 | 6.0 nF/100 m @ 1 kHz |
| Nominal Velocity of Propagation (NVP) | 66 % |
| 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 |
| Note | Consult ANSI/TIA-568-C.2 Annex G for length de-rating guidance for cable installation in higher temperature environments |

Environmental Specifications

| | |
|---------------------------------|-------------------------------------|
| Environmental Space | Plenum |
| Smoke Test Method | CMP |
| Flame Test Method | CMP |
| Installation Temperature | 0 °C to +60 °C (+32 °F to +140 °F) |
| Operating Temperature | -20 °C to +75 °C (-4 °F to +167 °F) |
| UL Temperature Rating | 75 °C 167 °F |

General Specifications

| | |
|---------------------------------|--------------------|
| Cable Type | U/UTP (unshielded) |
| Packaging Type | Reel |
| Pairs, quantity | 4 |
| Cable Component Type | Horizontal |
| Jacket Color | Blue |
| Product Number | 2091B |
| 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

RoHS 2011/65/EU

ISO 9001:2015

Classification

Compliant

Designed, manufactured and/or distributed under this quality management system

