# 760081323 | 3291B WHT C6A 4/23 F/UTP R1000



GigaSPEED X10D® 3291B Category 6A F/UTP Cable, low smoke zero halogen, white 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 3291B
ANSI/TIA Category 6A

Cable Component Type Horizontal

Cable Type F/UTP (shielded)

Conductor Type, singlesSolidConductors, quantity8Drain Wire TypeSolidJacket ColorWhite

Pairs, quantity 4

Separator Type Isolator

**Transmission Standards** ANSI/TIA-568.2-D

**Dimensions** 

 Cable Length
 304.8 m | 1000 ft

 Diameter Over Jacket, nominal
 7.518 mm | 0.296 in

 Jacket Thickness
 0.508 mm | 0.02 in

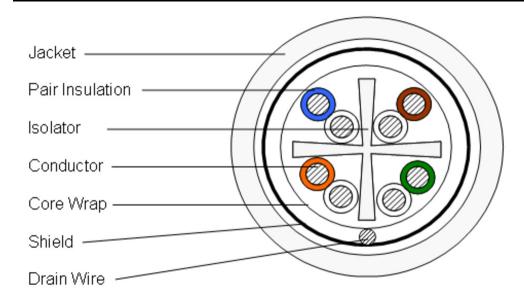
Conductor Gauge, singles 23 AWG

Drain Wire Gauge 26 AWG

Cross Section Drawing



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### **Electrical Specifications**

dc Resistance Unbalance, maximum 4 %

dc Resistance, maximum 8 ohms/100 m | 2.438 ohms/100 ft

**Mutual Capacitance at Frequency** 5.6 nF/100 m @ 1 kHz

Nominal Velocity of Propagation (NVP) 69 %

**Operating Frequency, maximum** 500 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 d

Material Specifications

Conductor Material Bare copper

**Drain Wire Material** Tinned copper

**Insulation Material** Polyolefin

Jacket Material Low Smoke Zero Halogen (LSZH)

Separator Material Polyolefin

Shield (Tape) Material Polyester/Aluminum shield

Mechanical Specifications



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**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** 52.309 kg/km | 35.15 lb/kft

Packaging Type Reel

### 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 |
| REACH-SVHC    | Compliant as per SVHC revision on www.commscope.com/ProductCompliance          |
| ROHS          | Compliant  |
| UK-ROHS       | Compliant  |
| CENELEC       |  |

