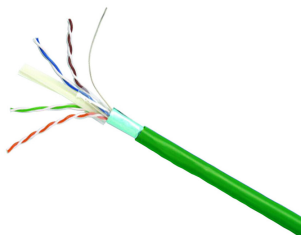


760122663 | 2291B GRN C6A 4/23 F/UTP R1000

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GigaSPEED X10D® 2291B ETL Verified Category 6A F/UTP Cable, plenum, green jacket, 4 pair count, 1000 ft (305 m) length, reel

Product Classification

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

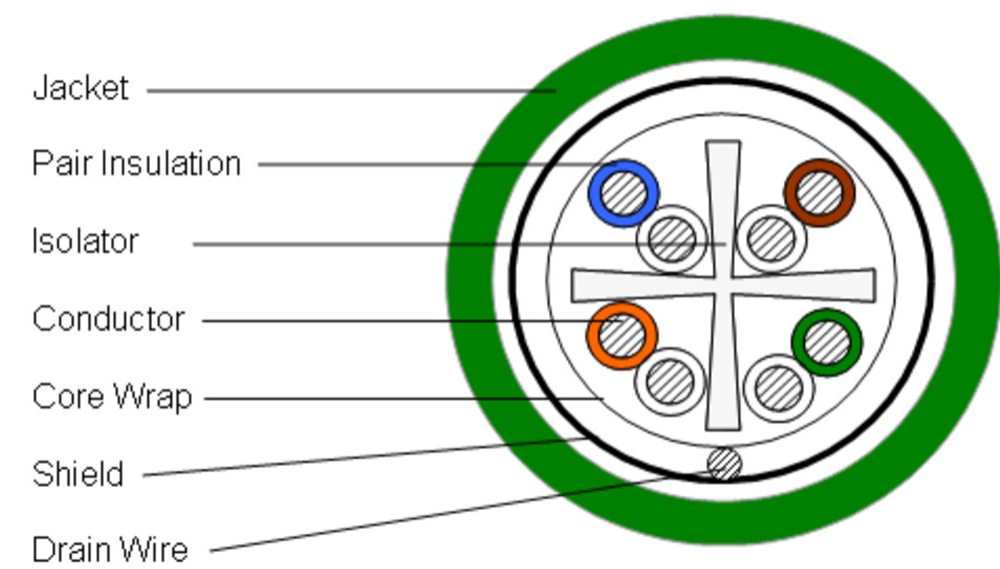
General Specifications

Product Number	2291B
ANSI/TIA Category	6A
Cable Component Type	Horizontal
Cable Type	F/UTP (shielded)
Conductor Type, singles	Solid
Conductors, quantity	8
Drain Wire Type	Solid
Jacket Color	Green
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	7.01 mm   0.276 in
Jacket Thickness	0.457 mm   0.018 in
Conductor Gauge, singles	23 AWG
Drain Wire Gauge	26 AWG

Cross Section Drawing



Electrical Specifications

dc Resistance Unbalance, maximum	4 %
dc Resistance, maximum	8 ohms/100 m   2.438 ohms/100 ft
Dielectric Strength, minimum	1500 Vac   2500 Vdc
LP (Limited Power) Rating	0.8 A
Mutual Capacitance at Frequency	5.6 nF/100 m @ 1 kHz
Nominal Velocity of Propagation (NVP)	70 %
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
Safety Voltage Rating	300 V

Material Specifications

Conductor Material	Bare copper
Drain Wire Material	Tinned copper
Insulation Material	FEP
Jacket Material	PVC
Separator Material	FEP
Shield (Tape) Material	Aluminum/Poly

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)  
**Environmental Space** Plenum  
**Temperature Rating, ETL** 105 °C | 221 °F  
**Temperature Rating, UL** 105 °C | 221 °F  
**Flame Test Method** CMP/FT6  
**Smoke Test Method** CMP/FT6

Packaging and Weights

**Cable weight** 58.038 kg/km | 39 lb/kft  
**Packaging Type** Reel

Regulatory Compliance/Certifications

Agency	Classification
CHINA-ROHS	Below maximum concentration value
ISO 9001:2015	Designed, manufactured and/or distributed under this quality management system
REACH-SVHC	Compliant as per SVHC revision on <a href="http://www.commscope.com/ProductCompliance">www.commscope.com/ProductCompliance</a>
ROHS	Compliant
UK-ROHS	Compliant

