

GigaSPEED X10D® 1291B ETL Verified Category 6A F/UTP Cable, non-plenum, light blue jacket, 4 pair count, 3000 ft (914 m) length, reel

## Product Classification

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

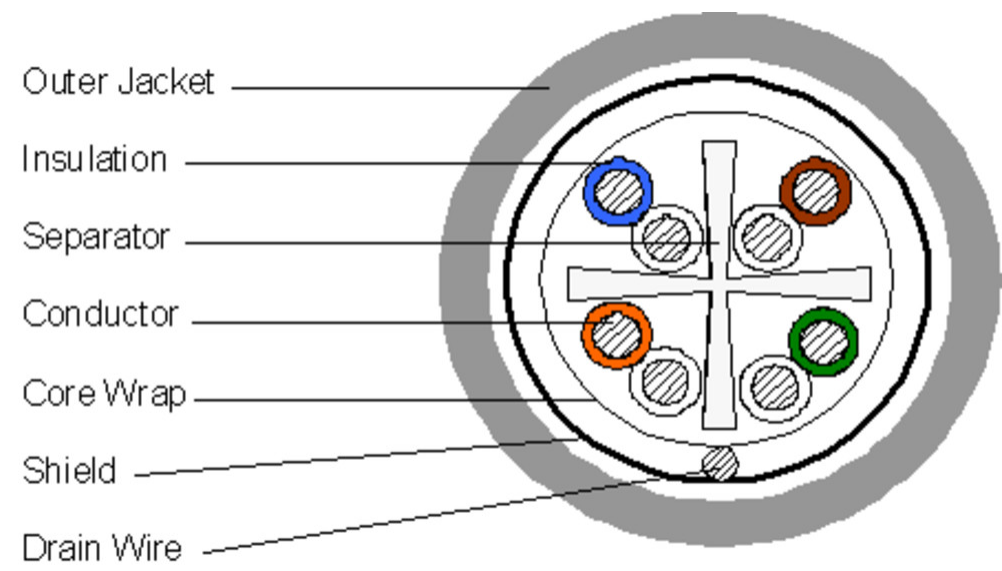
## General Specifications

Product Number	1291B
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	Light blue
Pairs, quantity	4
Separator Type	Isolator
Transmission Standards	ANSI/TIA-568.2-D

## Dimensions

Cable Length	914.4 m   3000 ft
Cable Length Tolerance	±5%
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



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	0.5 A
Mutual Capacitance at Frequency	5.6 nF/100 m @ 1 kHz
Nominal Velocity of Propagation (NVP)	68 %
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

Material Specifications

Conductor Material	Bare copper
Drain Wire Material	Tinned copper
Insulation Material	Polyolefin
Jacket Material	PVC
Separator Material	Polyolefin
Shield (Tape) Material	Polyester/Aluminum shield

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** Non-plenum  
**Flame Test Method** CMR

Packaging and Weights

**Cable weight** 52.086 kg/km | 35 lb/kft  
**Packaging Type** Reel

Regulatory Compliance/Certifications

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