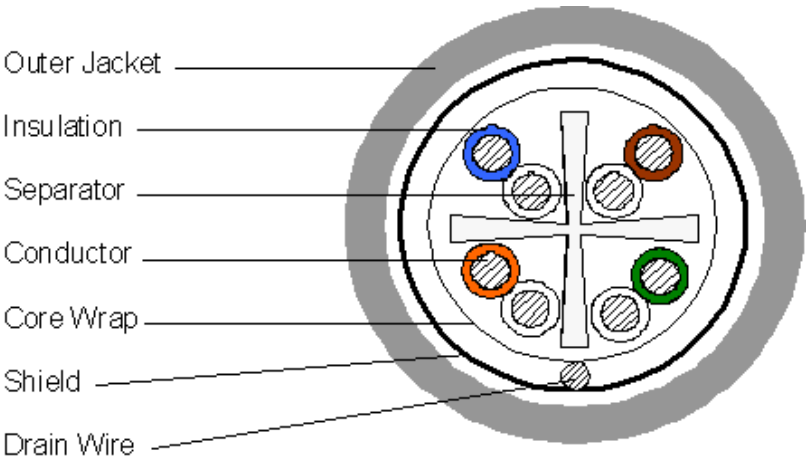


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GigaSPEED® X10D 1291B ETL Verified Category 6A F/UTP Cable, non-plenum, green jacket, 4 pair count, 1000 ft (305 m) length, reel

## Cross Section Drawing



## Construction Materials

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

## Dimensions

Cable Length	305 m   1000 ft
Cable Weight	35.00 lb/kft
Diameter Over Jacket	7.518 mm   0.296 in
Jacket Thickness	0.508 mm   0.020 in

## Electrical Specifications

ANSI/TIA Category	6A
dc Resistance Unbalance, maximum	4 %

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dc Resistance, maximum	8.00 ohms/100 m
Mutual Capacitance	5.6 nF/100 m @ 1 kHz
Nominal Velocity of Propagation (NVP)	68 %
Operating Frequency, maximum	500 MHz
Operating Voltage, maximum	80 V
Transmission Standards	ANSI/TIA-568-C.2
Dielectric Strength, minimum	1500 Vac   2500 Vdc

## Environmental Specifications

Environmental Space	Non-plenum
Flame Test Method	CMG   CMR
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

Brand	GigaSPEED® X10D   SYSTIMAX®
Cable Component Type	Horizontal
Cable Type	F/UTP (shielded)
Pairs, quantity	4
Jacket Color	Green
Conductor Gauge, singles	23 AWG
Conductor Type, singles	Solid
Conductors, quantity	8
Drain Wire Gauge	24 AWG
Drain Wire Type	Solid
Separator Type	Isolator
Packaging Type	Reel
Product Number	1291B

## Mechanical Specifications

Pulling Tension, maximum	11 kg   25 lb
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## Regulatory Compliance/Certifications

Agency	Classification
RoHS 2002/95/EC	Compliant
ISO 9001:2008	Designed, manufactured and/or distributed under this quality management system

