760081372 | 1291B GRN C6A 4/23 F/UTP R1000



GigaSPEED X10D® 1291B ETL Verified Category 6A F/UTP Cable, nonplenum, green jacket, 4 pair count, 1000 ft (305 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	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	7.518 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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Outer Jacket
Insulation
Separator
Conductor
Core Wrap
Shield
Drain Wire

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	
	Bare copper
·	Bare copper Tinned copper
Conductor Material	
Conductor Material Drain Wire Material	Tinned copper
Conductor Material Drain Wire Material Insulation Material	Tinned copper Polyolefin

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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	

AgencyClassificationCHINA-ROHSBelow maximum concentration valueISO 9001:2015Designed, manufactured and/or distributed under this quality management systemREACH-SVHCCompliant as per SVHC revision on www.commscope.com/ProductComplianceROHSCompliantUK-ROHSCompliant



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