860504406 | 3295A DGY C6A 4/24 SO F/UTP RVAR

GigaSPEED X10D® 3295A Category 6A F/UTP Cable, low smoke zero halogen, dark gray jacket, 4 pair count, variable 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	3295A
ANSI/TIA Category	6A
Cable Component Type	Cordage
Cable Type	F/UTP (shielded)
Conductor Type, singles	Solid
Conductors, quantity	8
Drain Wire Type	Solid
Jacket Color	Dark gray
Pairs, quantity	4
Separator Type	Isolator
Transmission Standards	ANSI/TIA-568.2-D

Dimensions

Cable Length, special	Variable length
Diameter Over Jacket, nominal	6.706 mm	0.264 in
Jacket Thickness	0.457 mm	0.018 in
Conductor Gauge, singles	24 AWG
Drain Wire Gauge	26 AWG

Cross Section Drawing

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Outer Jacket
Shield
Insulation
Isolator
Conductor
Core Wrap
Drain Wire
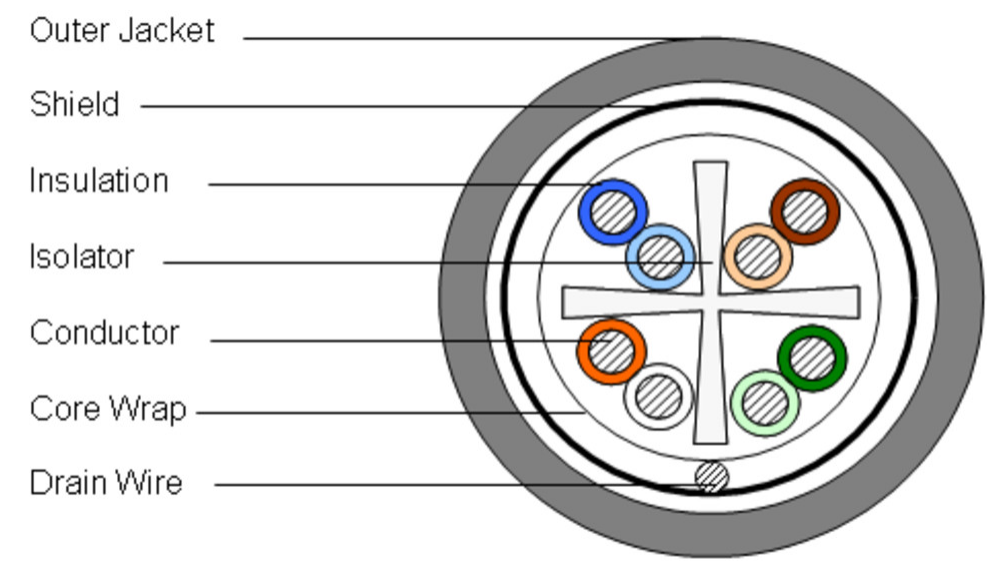
Electrical Specifications

dc Resistance Unbalance, maximum	4 %
dc Resistance, maximum	9.38 ohms/100 m | 2.859 ohms/100 ft
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

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 °C to +60 °C (+32 °F to +140 °F)
Operating Temperature	-20 °C to +60 °C (-4 °F to +140 °F)
Acid Gas Test Method	IEC 60754-2
EN50575 CPR Cable EuroClass Fire Performance	Dca
EN50575 CPR Cable EuroClass Smoke Rating	s2
EN50575 CPR Cable EuroClass Droplets Rating	d2
EN50575 CPR Cable EuroClass Acidity Rating	a1
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	43.157 kg/km	29 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

CENELEC ISO 9001:2015

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