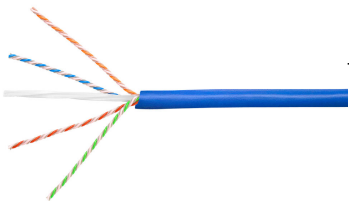# 760255807 | 1091L-C BLU C6A 4/23 U/UTP R1000

GigaSPEED X10D® 1091L-C ETL Verified Category 6A U/UTP Cable, blue jacket, 4 pair count, 1000 ft (305 m) length, reel

OBSOLETE

This product was discontinued on: October 1, 2024

Product Classification

Regional Availability	Europe
Portfolio	SYSTIMAX®
Product Type	Twisted pair cable
Product Brand	GigaSPEED X10D®

General Specifications

ANSI/TIA Category	6A
Cable Component Type	Horizontal
Cable Type	U/UTP (unshielded)
Conductor Type, singles	Solid
Conductors, quantity	8
Jacket Color	Blue
Pairs, quantity	4
Separator Type	Isolator
Transmission Standards	ANSI/TIA-568.2-D	ISO/IEC 11801 Class EA

Dimensions

Cable Length	304.8 m	1000 ft
Diameter Over Insulated Conductor	0.864 mm	0.034 in
Diameter Over Jacket, nominal	7.239 mm	0.285 in

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Jacket Thickness	1.295 mm	0.051 in
Conductor Gauge, singles	23 AWG

Cross Section Drawing
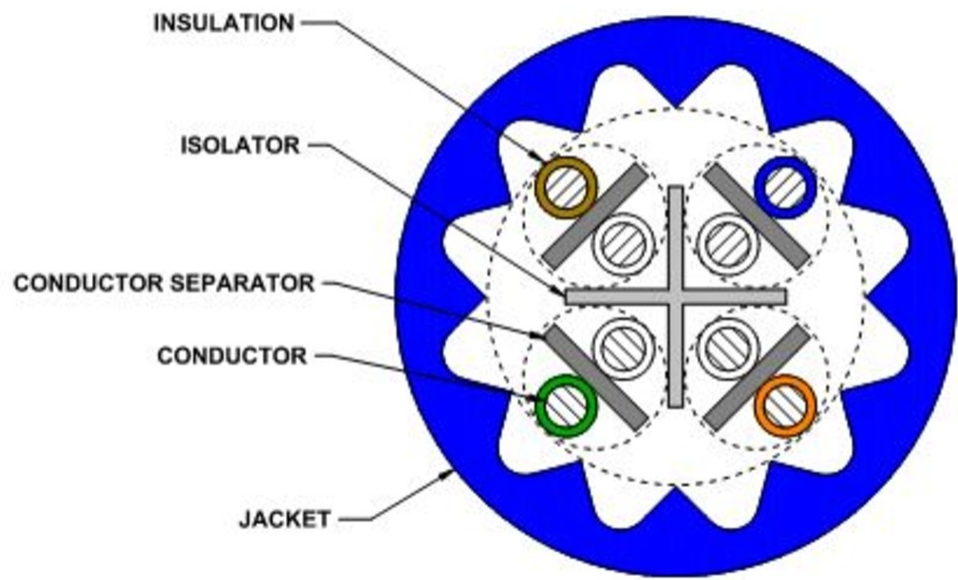
Electrical Specifications

Characteristic Impedance	100 ohm
Characteristic Impedance Tolerance	±15 ohm
dc Resistance Unbalance, maximum	4 %
dc Resistance, maximum	7.61 ohms/100 m	2.32 ohms/100 ft
Dielectric Strength, minimum	1500 Vac	2500 Vdc
LP (Limited Power) Rating	0.5 A
Mutual Capacitance at Frequency	6.0 nF/100 m @ 1 kHz
Nominal Velocity of Propagation (NVP)	65 %
Operating Frequency, maximum	550 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

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Material Specifications

Conductor Material	Bare copper
Insulation Material	Polyolefin
Jacket Material	PVC
Separator Material	Polyolefin
Separator 2 Material	Polyolefin

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)
EN50575 CPR Cable EuroClass Fire Performance	Cca
EN50575 CPR Cable EuroClass Smoke Rating	s2
EN50575 CPR Cable EuroClass Droplets Rating	d2
Environmental Space	Non-plenum	Riser
Temperature Rating, UL	90 °C	194 °F
Fire Safety Listing	CMR
Flame Test Method	EN 50399	UL 1666
Safety Standard	UL 444

Packaging and Weights

Cable weight	55.509 kg/km	37.3 lb/kft
Packaging Type	Reel

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