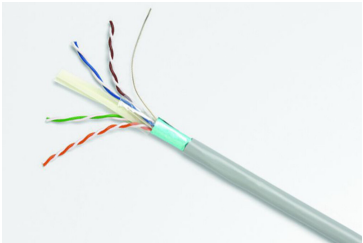


# 760239466 | 3291B-C WHT C6A 4/23 F/UTP R3000



GigaSPEED X10D® 3291B-C Category 6A F/UTP Cable, low smoke zero halogen, white jacket, 4 pair count, 3000 ft (914 m) length, reel

**OBSOLETE**

This product was discontinued on: October 1, 2024

**Replaced By:**

760258522

GigaSPEED X10D® 3291B-B Category 6A F/UTP Cable, low smoke zero halogen, white jacket, 4 pair count, 3000 ft (915 m) length, reel

## Product Classification

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

## General Specifications

Product Number	3291B-C
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	White
Pairs, quantity	4
Separator Type	Isolator
Transmission Standards	ANSI/TIA-568.2-D

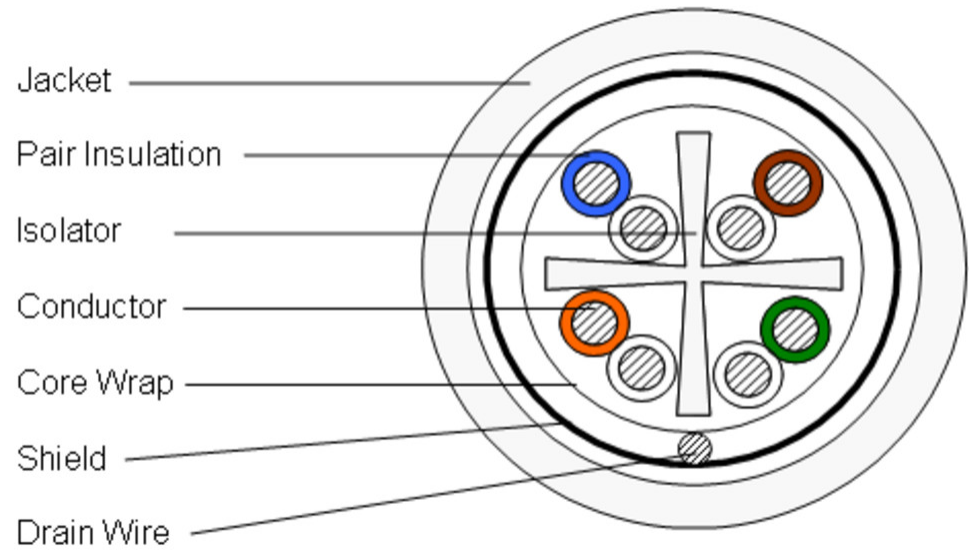
## Dimensions

Cable Length	914.4 m   3000 ft
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# 760239466 | 3291B-C WHT C6A 4/23 F/UTP R3000

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
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
Segregation Class	C

## Material Specifications

Conductor Material	Bare copper
Drain Wire Material	Tinned copper

# 760239466 | 3291B-C WHT C6A 4/23 F/UTP R3000

Insulation Material	Polyolefin
Jacket Material	Low Smoke Zero Halogen (LSZH)
Separator Material	Polyolefin
Shield (Tape) Material	Polyester/Aluminum shield

## Mechanical Specifications

Pulling Tension, maximum	11.34 kg   25 lb
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## 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	EN 50267-2-3
EN50575 CPR Cable EuroClass Fire Performance	Cca
EN50575 CPR Cable EuroClass Smoke Rating	s1a
EN50575 CPR Cable EuroClass Droplets Rating	d0
EN50575 CPR Cable EuroClass Acidity Rating	a1
Environmental Space	Low Smoke Zero Halogen (LSZH)
Smoke Test Method	IEC 61034-2

## Packaging and Weights

Cable weight	53.276 kg/km   35.8 lb/kft
Packaging Type	Reel