

GigaSPEED X10D® 3091B-C ETL Verified Category 6A U/UTP Cable, white jacket, 4 pair count, 1000 ft (305 m) length, WE TOTE® box

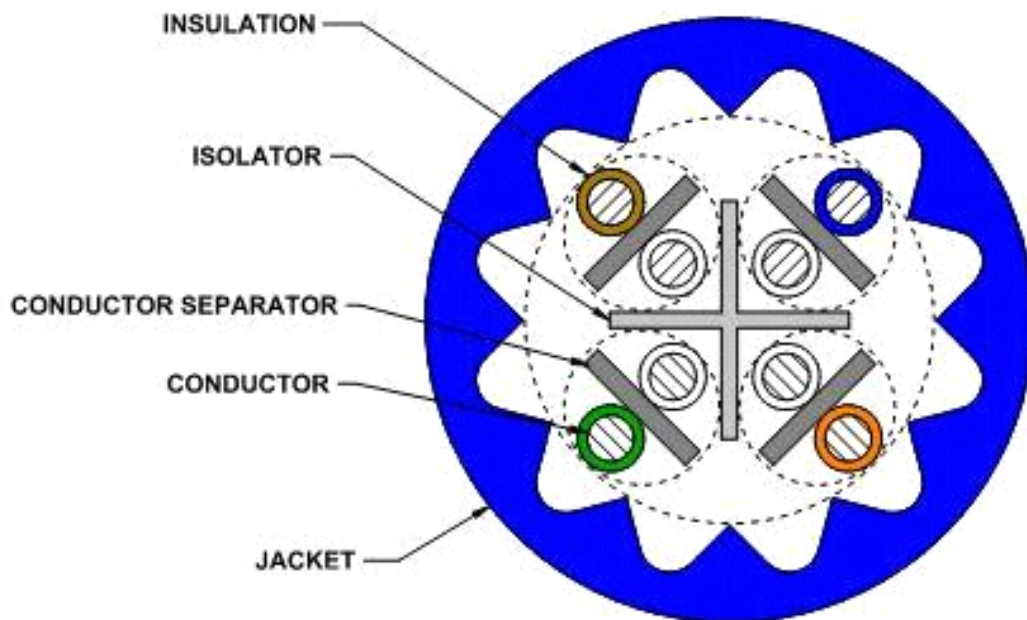
## Product Classification

<b>Portfolio</b>	SYSTIMAX®
<b>Brand</b>	GigaSPEED X10D®
<b>Product Type</b>	Twisted pair cable
<b>Regional Availability</b>	EMEA

## Standards And Qualifications

EN50575 CPR Cable EuroClass Cca | s1a | d1 | a1

## Cross Section Drawing



## Construction Materials

<b>Jacket Material</b>	Low Smoke Zero Halogen (LSZH)
<b>Conductor Material</b>	Bare copper

<b>Insulation Material</b>	Polyolefin
<b>Separator Material</b>	Polyolefin
<b>Separator 2 Material</b>	Polyolefin

## Dimensions

<b>Cable Length</b>	305 m   1000 ft
<b>Cable Weight</b>	37.60 lb/kft
<b>Diameter Over Jacket, nominal</b>	7.239 mm   0.285 in
<b>Jacket Thickness</b>	1.295 mm   0.051 in

## Electrical Specifications

<b>ANSI/TIA Category</b>	6A
<b>dc Resistance Unbalance, maximum</b>	4 %
<b>dc Resistance, maximum</b>	7.61 ohms/100 m
<b>Mutual Capacitance</b>	6.0 nF/100 m @ 1 kHz
<b>Nominal Velocity of Propagation (NVP)</b>	66 %
<b>Operating Frequency, maximum</b>	550 MHz
<b>Operating Voltage, maximum</b>	80 V
<b>Transmission Standards</b>	ANSI/TIA-568-C.2   ISO/IEC 11801 Class EA

## Environmental Specifications

<b>Environmental Space</b>	Low Smoke Zero Halogen (LSZH)
<b>Smoke Test Method</b>	IEC 61034-2
<b>Acid Gas Test Method</b>	EN 50267-2-3
<b>Installation Temperature</b>	0 °C to +60 °C (+32 °F to +140 °F)
<b>Operating Temperature</b>	-20 °C to +60 °C (-4 °F to +140 °F)

## General Specifications

<b>Cable Type</b>	U/UTP (unshielded)
<b>Packaging Type</b>	WE TOTE® box
<b>Pairs, quantity</b>	4
<b>Cable Component Type</b>	Horizontal
<b>Jacket Color</b>	White
<b>Product Number</b>	3091B-C
<b>Conductor Gauge, singles</b>	23 AWG
<b>Conductor Type, singles</b>	Solid
<b>Conductors, quantity</b>	8
<b>Separator Type</b>	Isolator

## Mechanical Specifications

**Pulling Tension, maximum** 11 kg | 25 lb

## Regulatory Compliance/Certifications

Agency	Classification
RoHS 2011/65/EU	Compliant
ISO 9001:2015	Designed, manufactured and/or distributed under this quality management system
CENELEC	EN 50575 compliant, Declaration of Performance (DoP) available

