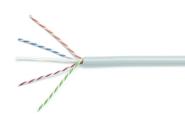
### 760105841 | 1091B WHT C6A 4/23 U/UTP R3000



GigaSPEED X10D® 1091B ETL Verified Category 6A U/UTP Cable, white jacket, 4 pair count, 3000 ft (914 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 1091B
ANSI/TIA Category 6A

Cable Component Type Horizontal

Cable Type U/UTP (unshielded)

Conductor Type, singlesSolidConductors, quantity8Jacket ColorWhitePairs, quantity4

Separator Type Isolator

**Transmission Standards** ANSI/TIA-568.2-D | ISO/IEC 11801 Class EA

**Dimensions** 

**Cable Length** 914.4 m | 3000 ft

Cable Length Tolerance ±5%

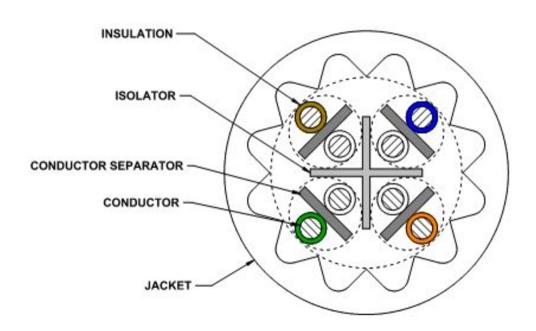
Diameter Over Insulated Conductor0.864 mm | 0.034 inDiameter Over Jacket, nominal7.239 mm | 0.285 inJacket Thickness1.295 mm | 0.051 in

Conductor Gauge, singles 23 AWG

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### Cross Section Drawing



### **Electrical Specifications**

Characteristic Impedance100 ohmCharacteristic Impedance Tolerance±15 ohmdc Resistance Unbalance, maximum4 %

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  $550 \, \mathrm{MHz}$  Operating Voltage, maximum  $80 \, \mathrm{V}$ 

**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

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**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**  $-20 \,^{\circ}\text{C} \text{ to } +60 \,^{\circ}\text{C} \, (-4 \,^{\circ}\text{F to } +140 \,^{\circ}\text{F})$ 

Environmental Space Non-plenum

**Temperature Rating, UL** 90 °C | 194 °F

Flame Test Method CMR

Packaging and Weights

**Cable weight** 55.509 kg/km | 37.3 lb/kft

Packaging Type Reel

Regulatory Compliance/Certifications

Agency Classification

CHINA-ROHS Below maximum concentration value

ISO 9001:2015 Designed, manufactured and/or distributed under this quality management system

REACH-SVHC Compliant as per SVHC revision on www.commscope.com/ProductCompliance

ROHS Compliant UK-ROHS Compliant

