



760151894 | 5071A BL 4/23 W1000

**GigaSPEED® XL 5071A ETL Verified Category 6 U/UTP Cable, LSZH, non-plenum CMR rated, blue jacket, 4 pair count, 1000 ft (305 m) length, WE TOTE® box**

## Cross Section Drawing



## Construction Materials

|                     |                               |
|---------------------|-------------------------------|
| Conductor Material  | Bare copper                   |
| Insulation Material | Polyolefin                    |
| Jacket Material     | Low Smoke Zero Halogen (LSZH) |
| Separator Material  | Polyolefin                    |

## Dimensions

|                      |                     |
|----------------------|---------------------|
| Cable Length         | 305 m   1000 ft     |
| Cable Weight         | 27.93 lb/kft        |
| Diameter Over Jacket | 6.096 mm   0.240 in |
| Jacket Thickness     | 0.635 mm   0.025 in |

## Electrical Specifications

|                                       |                                                                  |
|---------------------------------------|------------------------------------------------------------------|
| ANSI/TIA Category                     | 6                                                                |
| dc Resistance Unbalance, maximum      | 5 %                                                              |
| dc Resistance, maximum                | 7.61 ohms/100 m                                                  |
| Mutual Capacitance                    | 5.6 nF/100 m @ 1 kHz                                             |
| Nominal Velocity of Propagation (NVP) | 69 %                                                             |
| Operating Frequency, maximum          | 300 MHz                                                          |
| Operating Voltage, maximum            | 80 V                                                             |
| Transmission Standards                | ANSI/TIA-568-C.2   CENELEC EN 50288 -6-1   ISO/IEC 11801 Class E |
| Dielectric Strength, minimum          | 1500 Vac   2500 Vdc                                              |

## Environmental Specifications

|                          |                                            |
|--------------------------|--------------------------------------------|
| Environmental Space      | Low Smoke Zero Halogen (LSZH)   Non-plenum |
| Fire Safety Listing      | CM-LS   CMG   CMR                          |
| Flame Test Method        | UL 1666   UL 1685                          |
| Installation Temperature | 0 °C to +60 °C (+32 °F to +140 °F)         |
| Operating Temperature    | -20 °C to +60 °C (-4 °F to +140 °F)        |
| Smoke Test Method        | UL 1685-LS                                 |
| UL Temperature Rating    | 75 °C   167 °F                             |

## General Specifications

760151894 | 5071A BL 4/23 W1000

|                          |                           |
|--------------------------|---------------------------|
| Brand                    | GigaSPEED® XL   SYSTIMAX® |
| Cable Component Type     | Horizontal                |
| Cable Type               | U/UTP (unshielded)        |
| Pairs, quantity          | 4                         |
| Jacket Color             | Blue                      |
| Conductor Gauge, singles | 23 AWG                    |
| Conductor Type, singles  | Solid                     |
| Conductors, quantity     | 8                         |
| Separator Type           | Bisector                  |
| Packaging Type           | WE TOTE® box              |
| Product Number           | 5071A                     |

## Mechanical Specifications

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

## Regulatory Compliance/Certifications

| Agency          | Classification                                                                 |
|-----------------|--------------------------------------------------------------------------------|
| RoHS 2002/95/EC | Compliant                                                                      |
| ISO 9001:2008   | Designed, manufactured and/or distributed under this quality management system |

