GigaSPEED XL® 3071 ETL Verified Category 6 U/UTP Cable, low smoke zero halogen, white jacket, 4 pair count, 1000 ft (305 m) length, WE TOTE® box

Product Classification

Portfolio
Brand
Product Type
Regional Availability

Standards And Qualifications
EN50575 CPR Cable EuroClass

Cross Section Drawing

Construction Materials
Jacket Material
Conductor Material
Insulation Material

©2019 CommScope, Inc. All rights reserved. All trademarks identified by ® or ™ are registered trademarks, respectively, of CommScope. All specifications are subject to change without notice. See www.commscope.com for the most current information. Revised: May 3, 2019
### Separator Material
- Polyolefin

### Dimensions
- **Cable Length**: 305 m | 1000 ft
- **Cable Weight**: 25.00 lb/kft
- **Diameter Over Jacket, nominal**: 5.918 mm | 0.233 in
- **Jacket Thickness**: 0.508 mm | 0.020 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

### Environmental Specifications
- **Environmental Space**: Low Smoke Zero Halogen (LSZH)
- **Smoke Test Method**: IEC 61034-2
- **Acid Gas Test Method**: IEC 60754-2
- **Flame Test Method**: IEC 60332-3-22
- **Installation Temperature**: 0 °C to +60 °C (+32 °F to +140 °F)
- **Operating Temperature**: -20 °C to +60 °C (-4 °F to +140 °F)

### General Specifications
- **Cable Type**: U/UTP (unshielded)
- **Packaging Type**: WE TOTE® box
- **Pairs, quantity**: 4
- **Cable Component Type**: Horizontal
- **Jacket Color**: White
- **Product Number**: 3071E
- **Conductor Gauge, singles**: 23 AWG
- **Conductor Type, singles**: Solid
- **Conductors, quantity**: 8
- **Separator Type**: Bisector
Mechanical Specifications

**Pulling Tension, maximum**

11 kg | 25 lb

Regulatory Compliance/Certifications

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

©2019 CommScope, Inc. All rights reserved. All trademarks identified by ® or ™ are registered trademarks, respectively, of CommScope. All specifications are subject to change without notice. See www.commscope.com for the most current information. Revised: May 3, 2019