PowerSUM 1061C ETL Verified Category 5e U/UTP Cable, non-plenum CM rated, lilac jacket, 4 pair count, 1000 ft (305 m) length, WE TOTE® box

Product Classification

Regional Availability
Asia | Australia/New Zealand | EMEA | Latin America | North America

Portfolio
SYSTIMAX®

Product Type
Twisted pair cable

Product Brand
PowerSUM

Ordering Note
Not available in Europe, the Middle East, or Africa

General Specifications

Product Number
1061C

ANSI/TIA Category
5e

Cable Component Type
Horizontal

Cable Type
U/UTP (unshielded)

Conductor Type, singles
Solid

Conductors, quantity
8

Jacket Color
Lilac

Pairs, quantity
4

Transmission Standards
ANSI/TIA-568.2-D | CENELEC EN 50288-3-1 | ISO/IEC 11801 Class D

Dimensions

Cable Length
304.8 m | 1000 ft

Diameter Over Jacket, nominal
5.207 mm | 0.205 in

Jacket Thickness
0.559 mm | 0.022 in

Conductor Gauge, singles
24 AWG

Cross Section Drawing
Electrical Specifications

<table>
<thead>
<tr>
<th>Specification</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>dc Resistance Unbalance, maximum</td>
<td>5 %</td>
</tr>
<tr>
<td>dc Resistance, maximum</td>
<td>9.38 ohms/100 m</td>
</tr>
<tr>
<td>Dielectric Strength, minimum</td>
<td>1500 Vac</td>
</tr>
<tr>
<td>Mutual Capacitance at Frequency</td>
<td>5.6 nF/100 m @ 1 kHz</td>
</tr>
<tr>
<td>Nominal Velocity of Propagation (NVP)</td>
<td>69 %</td>
</tr>
<tr>
<td>Operating Frequency, maximum</td>
<td>200 MHz</td>
</tr>
<tr>
<td>Operating Voltage, maximum</td>
<td>80 V</td>
</tr>
<tr>
<td>Remote Powering</td>
<td>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</td>
</tr>
</tbody>
</table>

Material Specifications

<table>
<thead>
<tr>
<th>Specification</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Conductor Material</td>
<td>Bare copper</td>
</tr>
<tr>
<td>Insulation Material</td>
<td>Polyolefin</td>
</tr>
<tr>
<td>Jacket Material</td>
<td>PVC</td>
</tr>
</tbody>
</table>

Mechanical Specifications

<table>
<thead>
<tr>
<th>Specification</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pulling Tension, maximum</td>
<td>11.34 kg</td>
</tr>
</tbody>
</table>

Environmental Specifications

<table>
<thead>
<tr>
<th>Specification</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Installation temperature</td>
<td>0 °C to +60 °C (+32 °F to +140 °F)</td>
</tr>
<tr>
<td>Operating Temperature</td>
<td>-20 °C to +60 °C (-4 °F to +140 °F)</td>
</tr>
</tbody>
</table>
Environmental Space: Non-plenum
Flame Test Method: CM

Packaging and Weights

- Cable weight: 29.168 kg/km | 19.6 lb/kft
- Packaging Type: WE TOTE® box

Regulatory Compliance/Certifications

- Agency: CHINA-ROHS
  Classification: Below maximum concentration value
  Classification: Designed, manufactured and/or distributed under this quality management system
- Agency: REACH-SVHC
  Classification: Compliant as per SVHC revision on www.commscope.com/ProductCompliance
- Agency: ROHS
  Classification: Compliant