PowerSUM 1061C ETL Verified Category 5e U/UTP Cable, non-plenum CM rated, yellow 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
Yellow

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

- **dc Resistance Unbalance, maximum**: 5 %
- **dc Resistance, maximum**: 9.38 ohms/100 m | 2.859 ohms/100 ft
- **Dielectric Strength, minimum**: 1500 Vac | 2500 Vdc
- **Mutual Capacitance at Frequency**: 5.6 nF/100 m @ 1 kHz
- **Nominal Velocity of Propagation (NVP)**: 69 %
- **Operating Frequency, maximum**: 200 MHz
- **Operating Voltage, maximum**: 80 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
- **Insulation Material**: Polyolefin
- **Jacket Material**: PVC

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 °C to +60 °C (-4 °F to +140 °F)
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

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<thead>
<tr>
<th>Agency</th>
<th>Classification</th>
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<tbody>
<tr>
<td>CHINA-ROHS</td>
<td>Below maximum concentration value</td>
</tr>
<tr>
<td>ISO 9001:2015</td>
<td>Designed, manufactured and/or distributed under this quality management system</td>
</tr>
<tr>
<td>REACH-SVHC</td>
<td>Compliant as per SVHC revision on <a href="http://www.commscope.com/ProductCompliance">www.commscope.com/ProductCompliance</a></td>
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