



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

## Product Classification

|                              |                                                                     |
|------------------------------|---------------------------------------------------------------------|
| <b>Regional Availability</b> | Asia   Australia/New Zealand   EMEA   Latin America   North America |
| <b>Portfolio</b>             | SYSTIMAX®                                                           |
| <b>Product Type</b>          | Twisted pair cable                                                  |
| <b>Product Brand</b>         | PowerSUM                                                            |

## General Specifications

|                                |                                                                 |
|--------------------------------|-----------------------------------------------------------------|
| <b>Product Number</b>          | 1061B                                                           |
| <b>ANSI/TIA Category</b>       | 5e                                                              |
| <b>Cable Component Type</b>    | Horizontal                                                      |
| <b>Cable Type</b>              | U/UTP (unshielded)                                              |
| <b>Conductor Type, singles</b> | Solid                                                           |
| <b>Conductors, quantity</b>    | 8                                                               |
| <b>Jacket Color</b>            | Red                                                             |
| <b>Pairs, quantity</b>         | 4                                                               |
| <b>Transmission Standards</b>  | ANSI/TIA-568.2-D   CENELEC EN 50288-3-1   ISO/IEC 11801 Class D |

## Dimensions

|                                      |                     |
|--------------------------------------|---------------------|
| <b>Cable Length</b>                  | 304.8 m   1000 ft   |
| <b>Diameter Over Jacket, nominal</b> | 5.207 mm   0.205 in |
| <b>Jacket Thickness</b>              | 0.508 mm   0.02 in  |
| <b>Conductor Gauge, singles</b>      | 24 AWG              |

## Cross Section Drawing



## Electrical Specifications

|                                              |                                                                                                                                                                                                                               |
|----------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>dc Resistance Unbalance, maximum</b>      | 5 %                                                                                                                                                                                                                           |
| <b>dc Resistance, maximum</b>                | 9.38 ohms/100 m   2.859 ohms/100 ft                                                                                                                                                                                           |
| <b>Dielectric Strength, minimum</b>          | 1500 Vac   2500 Vdc                                                                                                                                                                                                           |
| <b>Mutual Capacitance at Frequency</b>       | 5.6 nF/100 m @ 1 kHz                                                                                                                                                                                                          |
| <b>Nominal Velocity of Propagation (NVP)</b> | 69 %                                                                                                                                                                                                                          |
| <b>Operating Frequency, maximum</b>          | 200 MHz                                                                                                                                                                                                                       |
| <b>Operating Voltage, maximum</b>            | 80 V                                                                                                                                                                                                                          |
| <b>Remote Powering</b>                       | 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

|                            |             |
|----------------------------|-------------|
| <b>Conductor Material</b>  | Bare copper |
| <b>Insulation Material</b> | Polyolefin  |
| <b>Jacket Material</b>     | PVC         |

## Mechanical Specifications

|                                 |                  |
|---------------------------------|------------------|
| <b>Pulling Tension, maximum</b> | 11.34 kg   25 lb |
|---------------------------------|------------------|

## Environmental Specifications

|                                 |                                     |
|---------------------------------|-------------------------------------|
| <b>Installation temperature</b> | 0 °C to +60 °C (+32 °F to +140 °F)  |
| <b>Operating Temperature</b>    | -20 °C to +60 °C (-4 °F to +140 °F) |

# 700022643 | 1061B RD 4/24 W1000

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**Environmental Space** Non-plenum

**Flame Test Method** CMR

## Packaging and Weights

**Cable weight** 29.168 kg/km | 19.6 lb/kft

**Packaging Type** WE TOTE® box

## Regulatory Compliance/Certifications

### Agency

ISO 9001:2015



### Classification

Designed, manufactured and/or distributed under this quality management system