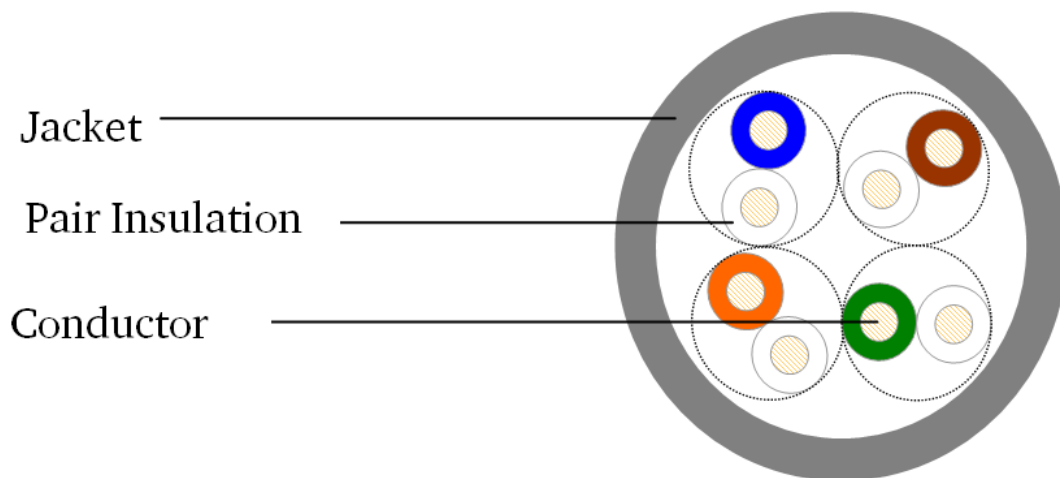


PowerSUM 1061C ETL Verified Category 5e U/UTP Cable, non-plenum CM rated, red jacket, 4 pair count, 1000 ft (305 m) length, WE TOTE® box

## Product Classification

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

## Cross Section Drawing



## Construction Materials

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

## Dimensions

|                     |                 |
|---------------------|-----------------|
| <b>Cable Length</b> | 305 m   1000 ft |
| <b>Cable Weight</b> | 19.60 lb/kft    |

|                                      |                     |
|--------------------------------------|---------------------|
| <b>Diameter Over Jacket, nominal</b> | 5.207 mm   0.205 in |
| <b>Jacket Thickness</b>              | 0.559 mm   0.022 in |

## Electrical Specifications

|  |   |
|--|---|
| <b>ANSI/TIA Category</b>                     | 5e  |
| <b>dc Resistance Unbalance, maximum</b>      | 5 %   |
| <b>dc Resistance, maximum</b>                | 9.38 ohms/100 m   |
| <b>Mutual Capacitance</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>Transmission Standards</b>                | ANSI/TIA-568-C.2   CENELEC EN 50288-3-1   ISO/IEC 11801 Class D |
| <b>Dielectric Strength, minimum</b>          | 1500 Vac   2500 Vdc   |

## Environmental Specifications

|                                 |                                     |
|---------------------------------|-------------------------------------|
| <b>Environmental Space</b>      | Non-plenum                          |
| <b>Flame Test Method</b>        | CM                                  |
| <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) |

## General Specifications

|                                 |   |
|---------------------------------|---|
| <b>Cable Type</b>               | U/UTP (unshielded)                                  |
| <b>Packaging Type</b>           | WE TOTE® box  |
| <b>Pairs, quantity</b>          | 4   |
| <b>Cable Component Type</b>     | Horizontal  |
| <b>Jacket Color</b>             | Red   |
| <b>Product Number</b>           | 1061C   |
| <b>Conductor Gauge, singles</b> | 24 AWG  |
| <b>Conductor Type, singles</b>  | Solid   |
| <b>Conductors, quantity</b>     | 8   |
| <b>Ordering Note</b>            | Not available in Europe, the Middle East, or Africa |

## Mechanical Specifications

|                                 |               |
|---------------------------------|---------------|
| <b>Pulling Tension, maximum</b> | 11 kg   25 lb |
|---------------------------------|---------------|

## Regulatory Compliance/Certifications

| Agency          | Classification   |
|-----------------|--|
| RoHS 2011/65/EU | Compliant  |
| ISO 9001:2015   | Designed, manufactured and/or distributed under this quality management system |

