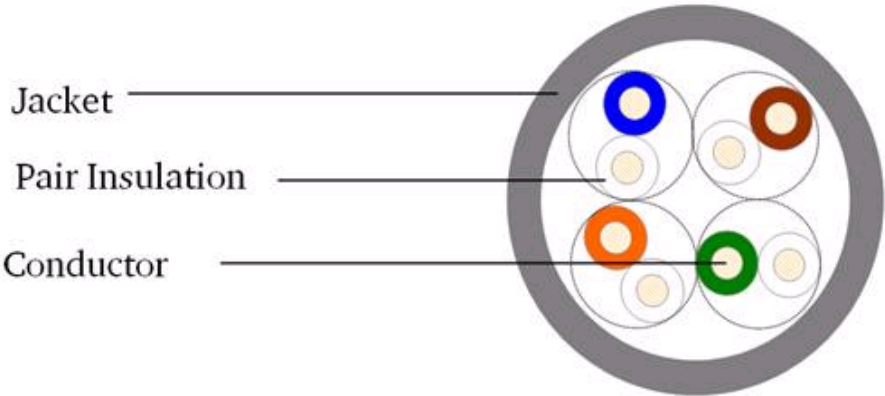




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PowerSUM 2061F ETL Verified Category 5e U/UTP Cable, plenum, orange jacket, 4 pair count, 3000 ft (914 m) length, reel

## Cross Section Drawing



## Construction Materials

|                     |                  |
|---------------------|------------------|
| Conductor Material  | Bare copper      |
| Insulation Material | FEP   Polyolefin |
| Jacket Material     | PVC              |

## Dimensions

|                        |                     |
|------------------------|---------------------|
| Cable Length           | 914 m   3000 ft     |
| Cable Length Tolerance | ±5%                 |
| Cable Weight           | 20.00 lb/kft        |
| Diameter Over Jacket   | 4.572 mm   0.180 in |
| Jacket Thickness       | 0.483 mm   0.019 in |

## Electrical Specifications

|                                       |                      |
|---------------------------------------|----------------------|
| ANSI/TIA Category                     | 5e                   |
| dc Resistance Unbalance, maximum      | 5 %                  |
| dc Resistance, maximum                | 9.38 ohms/100 m      |
| Mutual Capacitance                    | 5.6 nF/100 m @ 1 kHz |
| Nominal Velocity of Propagation (NVP) | 76 %                 |
| Operating Frequency, maximum          | 200 MHz              |

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|                              |                                                                 |
|------------------------------|-----------------------------------------------------------------|
| Operating Voltage, maximum   | 80 V                                                            |
| Transmission Standards       | ANSI/TIA-568-C.2   CENELEC EN 50288-3-1   ISO/IEC 11801 Class D |
| Dielectric Strength, minimum | 1500 Vac   2500 Vdc                                             |

## Environmental Specifications

|                          |                                     |
|--------------------------|-------------------------------------|
| Environmental Space      | Plenum                              |
| Flame Test Method        | CMP                                 |
| Installation Temperature | 0 °C to +60 °C (+32 °F to +140 °F)  |
| Operating Temperature    | -20 °C to +60 °C (-4 °F to +140 °F) |
| Smoke Test Method        | CMP                                 |

## General Specifications

|                          |                      |
|--------------------------|----------------------|
| Brand                    | PowerSUM   SYSTIMAX® |
| Cable Component Type     | Horizontal           |
| Cable Type               | U/UTP (unshielded)   |
| Pairs, quantity          | 4                    |
| Jacket Color             | Orange               |
| Conductor Gauge, singles | 24 AWG               |
| Conductor Type, singles  | Solid                |
| Conductors, quantity     | 8                    |
| Packaging Type           | Reel                 |
| Product Number           | 2061F                |

## Mechanical Specifications

|                          |               |
|--------------------------|---------------|
| Pulling Tension, maximum | 11 kg   25 lb |
|--------------------------|---------------|

## Regulatory Compliance/Certifications

| Agency          | Classification                                                                 |
|-----------------|--------------------------------------------------------------------------------|
| RoHS 2002/95/EC | Compliant                                                                      |
| ISO 9001:2008   | Designed, manufactured and/or distributed under this quality management system |

