

PowerSUM 2061F ETL Verified Category 5e U/UTP Cable, plenum, orange jacket, 4 pair count, 1000 ft (305 m) length, WE TOTE® box

This product will be discontinued on: November 30, 2026

## Product Classification

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

## General Specifications

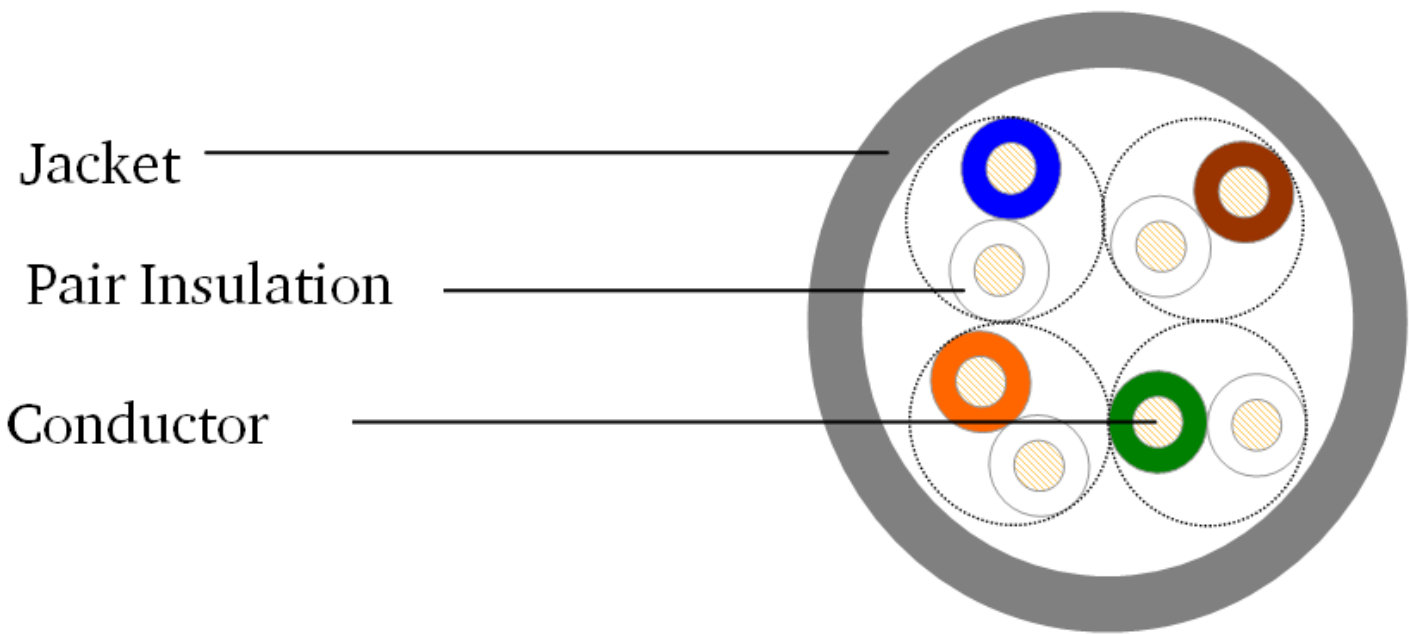
|                         |                                                                 |
|-------------------------|-----------------------------------------------------------------|
| Product Number          | 2061F                                                           |
| ANSI/TIA Category       | 5e                                                              |
| Cable Component Type    | Horizontal                                                      |
| Cable Type              | U/UTP (unshielded)                                              |
| Conductor Type, singles | Solid                                                           |
| Conductors, quantity    | 8                                                               |
| Jacket Color            | Orange                                                          |
| 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 | 5.08 mm   0.2 in    |
| Jacket Thickness              | 0.635 mm   0.025 in |

Conductor Gauge, singles24 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) | 76 %                                                                                                                                                                                                                          |
| 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 MaterialBare copper

|                     |                  |
|---------------------|------------------|
| Insulation Material | FEP   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      | Plenum                              |
| Flame Test Method        | CMP/FT6                             |
| Smoke Test Method        | CMP/FT6                             |

Packaging and Weights

|                |                            |
|----------------|----------------------------|
| Cable weight   | 33.484 kg/km   22.5 lb/kft |
| Packaging Type | WE TOTE® box               |

Regulatory Compliance/Certifications

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

