

107251696 | 1061B BL 4/24 W1000



PowerSUM 1061B ETL Verified Category 5e U/UTP Cable, non-plenum CMR rated, blue 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 |

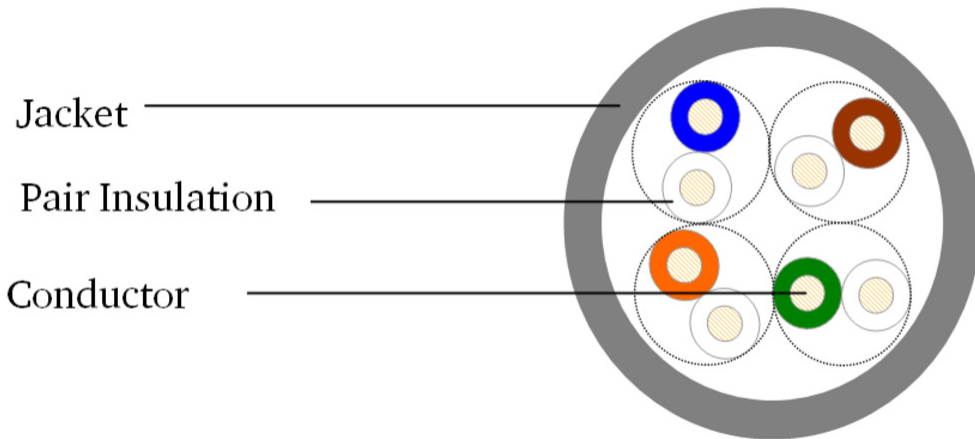
General Specifications

| | |
|--------------------------------|---|
| Product Number | 1061B |
| ANSI/TIA Category | 5e |
| Cable Component Type | Horizontal |
| Cable Type | U/UTP (unshielded) |
| Conductor Type, singles | Solid |
| Conductors, quantity | 8 |
| Jacket Color | Blue |
| 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 | 0.508 mm 0.02 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) |

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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

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 www.commscope.com/ProductCompliance

ROHS

Compliant

UK-ROHS

Compliant

