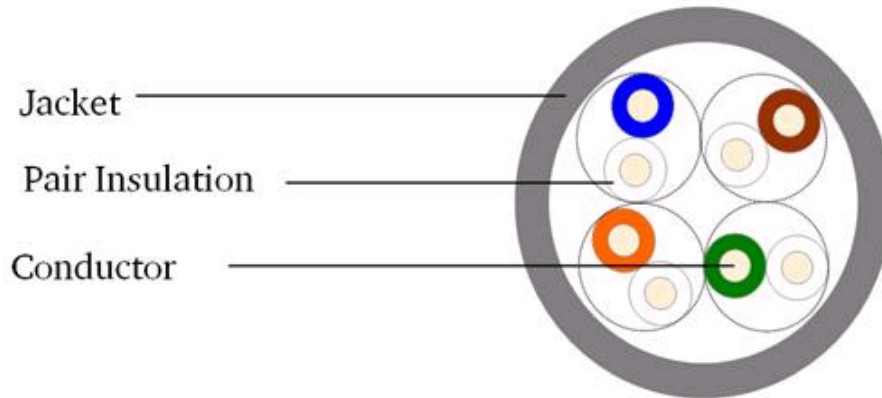




760151860 | 5061A BL 4/24 W1000

PowerSUM 5061A ETL Verified Category 5e U/UTP Cable, LSZH, non-plenum CMR rated, blue jacket, 4 pair count, 1000 ft (305 m) length, WE TOTE® box

Cross Section Drawing



Construction Materials

| | |
|---------------------|-------------------------------|
| Conductor Material | Bare copper |
| Insulation Material | Polyolefin |
| Jacket Material | Low Smoke Zero Halogen (LSZH) |

Dimensions

| | |
|----------------------|---------------------|
| Cable Length | 305 m 1000 ft |
| Cable Weight | 21.83 lb/kft |
| Diameter Over Jacket | 5.334 mm 0.210 in |
| Jacket Thickness | 0.635 mm 0.025 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) | 69 % |
| Operating Frequency, maximum | 200 MHz |
| 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

760151860 | 5061A BL 4/24 W1000

| | |
|--------------------------|--|
| Environmental Space | Low Smoke Zero Halogen (LSZH) Non-plenum |
| Fire Safety Listing | CM-LS CMG CMR |
| Flame Test Method | UL 1666 UL 1685 |
| 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 | UL 1685-LS |
| UL Temperature Rating | 75 °C 167 °F |

General Specifications

| | |
|--------------------------|----------------------|
| Brand | PowerSUM SYSTIMAX® |
| Cable Component Type | Horizontal |
| Cable Type | U/UTP (unshielded) |
| Pairs, quantity | 4 |
| Jacket Color | Blue |
| Conductor Gauge, singles | 24 AWG |
| Conductor Type, singles | Solid |
| Conductors, quantity | 8 |
| Packaging Type | WE TOTE® box |
| Product Number | 5061A |

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 |

