

# 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

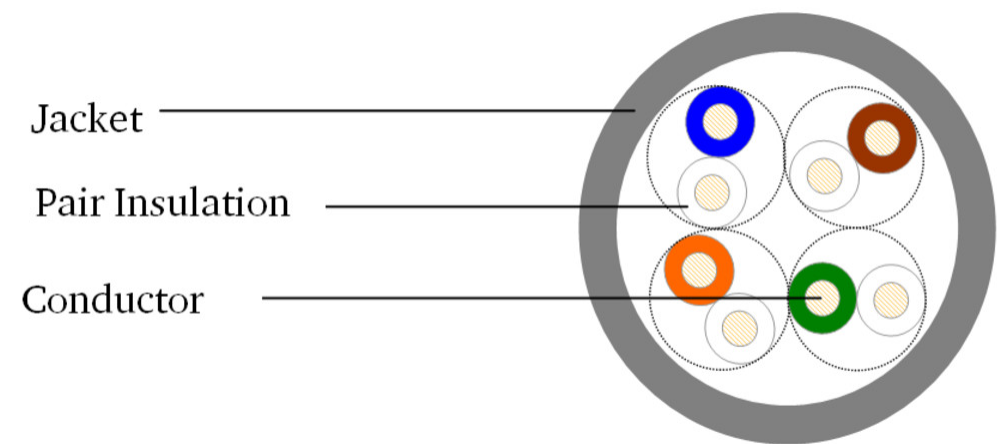
## General Specifications

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)

# 107251696 | 1061B BL 4/24 W1000

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 <a href="http://www.commscope.com/ProductCompliance">www.commscope.com/ProductCompliance</a>
ROHS	Compliant

