



PowerSUM 3061B Category 5e U/UTP Cable, low smoke zero halogen, slate jacket, 25 pair count, 4000 ft (1,220 m) length, reel

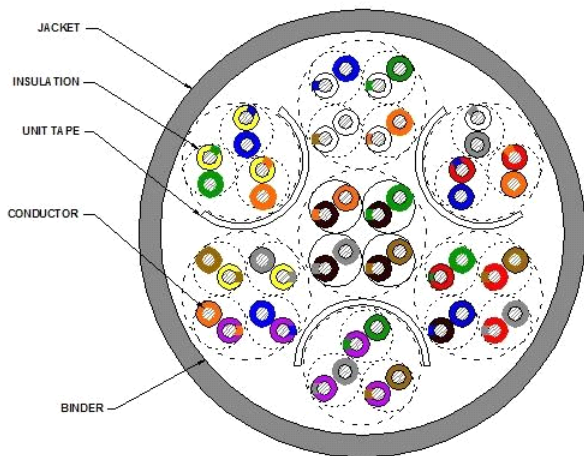
## Product Classification

<b>Portfolio</b>	SYSTIMAX®
<b>Brand</b>	PowerSUM
<b>Product Type</b>	Twisted pair cable
<b>Regional Availability</b>	Asia   Australia/New Zealand   EMEA   Latin America

## Standards And Qualifications

<b>EN50575 CPR Cable EuroClass</b>	Dca   s2   d2   a1
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## Cross Section Drawing



## Construction Materials

<b>Jacket Material</b>	Low Smoke Zero Halogen (LSZH)
<b>Conductor Material</b>	Bare copper
<b>Insulation Material</b>	Polyolefin
<b>Separator Material</b>	Polyolefin

## Dimensions

<b>Cable Length</b>	1219 m   4000 ft
<b>Cable Length Tolerance</b>	±5%

<b>Cable Weight</b>	118.50 lb/kft
<b>Diameter Over Jacket, nominal</b>	13.335 mm   0.525 in
<b>Jacket Thickness</b>	0.686 mm   0.027 in

## Electrical Specifications

<b>ANSI/TIA Category</b>	5e
<b>dc Resistance Unbalance, maximum</b>	5 %
<b>dc Resistance, maximum</b>	9.38 ohms/100 m
<b>Mutual Capacitance at Frequency</b>	5.6 nF/100 m @ 1 kHz
<b>Nominal Velocity of Propagation (NVP)</b>	69 %
<b>Operating Frequency, maximum</b>	100 MHz
<b>Operating Voltage, maximum</b>	80 V
<b>Transmission Standards</b>	ANSI/TIA-568-C.2   CENELEC EN 50288-3-1   ISO/IEC 11801 Class D

## Environmental Specifications

<b>Environmental Space</b>	Low Smoke Zero Halogen (LSZH)
<b>Smoke Test Method</b>	IEC 61034-2
<b>Acid Gas Test Method</b>	IEC 60754-2
<b>Flame Test Method</b>	IEC 60332-3-22
<b>Installation Temperature</b>	0 °C to +60 °C (+32 °F to +140 °F)
<b>Operating Temperature</b>	-20 °C to +60 °C (-4 °F to +140 °F)

## General Specifications

<b>Cable Type</b>	U/UTP (unshielded)
<b>Packaging Type</b>	Reel
<b>Pairs, quantity</b>	25
<b>Cable Component Type</b>	Backbone
<b>Jacket Color</b>	Slate
<b>Product Number</b>	3061B
<b>Conductor Gauge, singles</b>	24 AWG
<b>Conductor Type, singles</b>	Solid
<b>Conductors, quantity</b>	50
<b>Subunit, quantity</b>	7

## Mechanical Specifications

<b>Pulling Tension, maximum</b>	11 kg   25 lb
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## Regulatory Compliance/Certifications

**Agency**

RoHS 2011/65/EU  
ISO 9001:2015  
CENELEC

**Classification**

Compliant  
Designed, manufactured and/or distributed under this quality management system  
EN 50575 compliant, Declaration of Performance (DoP) available

