



PowerSUM 3061B Category 5e U/UTP Cable, low smoke zero halogen, slate jacket, 25 pair count, 1000 ft (305 m) length, reel

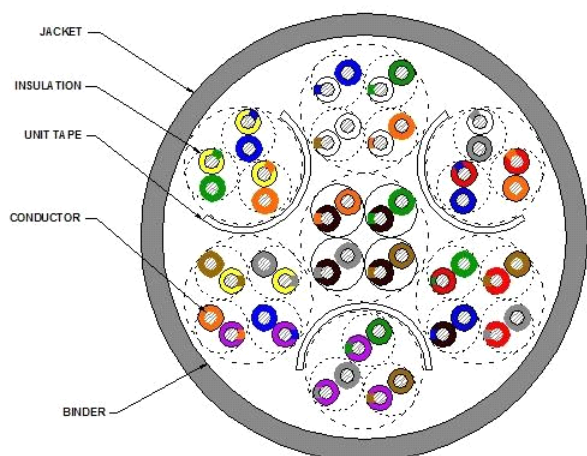
Product Classification

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

Standards And Qualifications

EN50575 CPR Cable EuroClass	Dca s2 d2 a1
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Cross Section Drawing



Construction Materials

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

Dimensions

Cable Length	305 m 1000 ft
Cable Weight	118.50 lb/kft

Diameter Over Jacket, nominal	13.335 mm 0.525 in
Jacket Thickness	0.686 mm 0.027 in

Electrical Specifications

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

Environmental Specifications

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

General Specifications

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

Mechanical Specifications

Pulling Tension, maximum	11 kg 25 lb
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Regulatory Compliance/Certifications

Agency	Classification
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RoHS 2011/65/EU
ISO 9001:2015
CENELEC

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

