



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

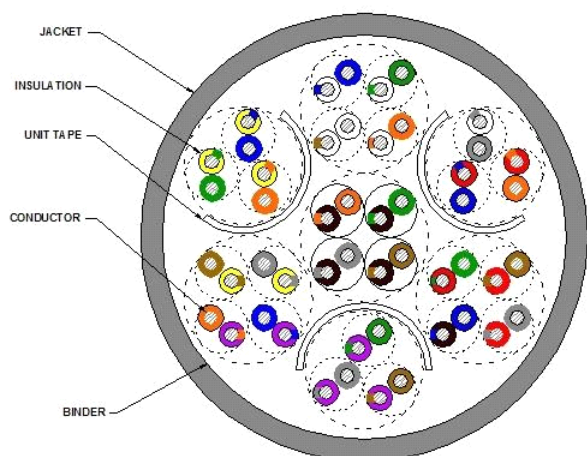
Product Classification

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 White
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

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

