760154377 | 3061A BL 4/24 W1000



PowerSUM 3061A ETL Verified Category 5e U/UTP Cable, low smoke zero halogen, blue jacket, 4 pair count, 1000 ft (305 m) length, WE TOTE® box

Product Classification

Regional Availability

Asia | Australia/New Zealand | EMEA | Latin America

Portfolio SYSTIMAX®

Product Type Twisted pair cable

Product Brand PowerSUM

General Specifications

Product Number 3061A
ANSI/TIA Category 5e

Cable Component Type Horizontal

Cable Type U/UTP (unshielded)

Conductor Type, singlesSolidConductors, quantity8Jacket ColorBluePairs, quantity4

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

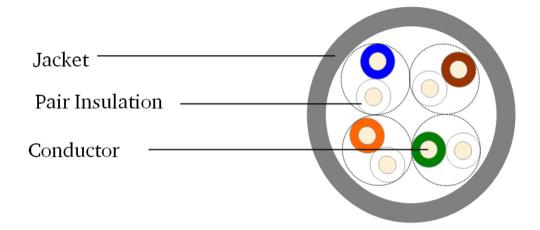
 Jacket Thickness
 0.533 mm | 0.021 in

Conductor Gauge, singles 24 AWG

Cross Section Drawing



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Electrical Specifications

dc Resistance Unbalance, maximum $~~5\ \%$

dc Resistance, maximum 9.38 ohms/100 m | 2.859 ohms/100 ft

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

Segregation Class a

Material Specifications

Conductor Material Bare copper

Insulation Material Polyolefin

Jacket Material Low Smoke Zero Halogen (LSZH)

Mechanical Specifications

Pulling Tension, maximum 11.34 kg | 25 lb

Environmental Specifications

Installation temperature $0 \, ^{\circ}\text{C} \text{ to } +60 \, ^{\circ}\text{C} \text{ (+32 } ^{\circ}\text{F to } +140 \, ^{\circ}\text{F)}$ Operating Temperature $-20 \, ^{\circ}\text{C} \text{ to } +60 \, ^{\circ}\text{C} \text{ (-4 } ^{\circ}\text{F to } +140 \, ^{\circ}\text{F)}$

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Acid Gas Test Method IEC 60754-2

EN50575 CPR Cable EuroClass Fire PerformanceDcaEN50575 CPR Cable EuroClass Smoke Ratings2EN50575 CPR Cable EuroClass Droplets Ratingd2EN50575 CPR Cable EuroClass Acidity Ratinga1

Environmental Space Low Smoke Zero Halogen (LSZH)

Flame Test Method IEC 60332-3-22
Smoke Test Method IEC 61034-2

Packaging and Weights

Cable weight 29.763 kg/km | 20 lb/kft

Packaging Type WE TOTE® box

Regulatory Compliance/Certifications

Agency Classification

CENELEC EN 50575 compliant, Declaration of Performance (DoP) available

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 www.commscope.com/ProductCompliance

ROHS Compliant UK-ROHS Compliant

