PowerSUM 2061B ETL Verified Category 5e U/UTP Cable, plenum, white jacket, 4 pair count, 1000 ft (305 m) length, reel

OBSOLETE

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	2061B
ANSI/TIA Category	5e
Cable Component Type	Horizontal
Cable Type	U/UTP (unshielded)
Conductor Type, singles	Solid
Conductors, quantity	8
Jacket Color	White
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	4.572 mm　|　0.18 in
Jacket Thickness	0.483 mm　|　0.019 in
Conductor Gauge, singles	24 AWG

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Cross Section Drawing

Jacket

Pair Insulation

Conductor
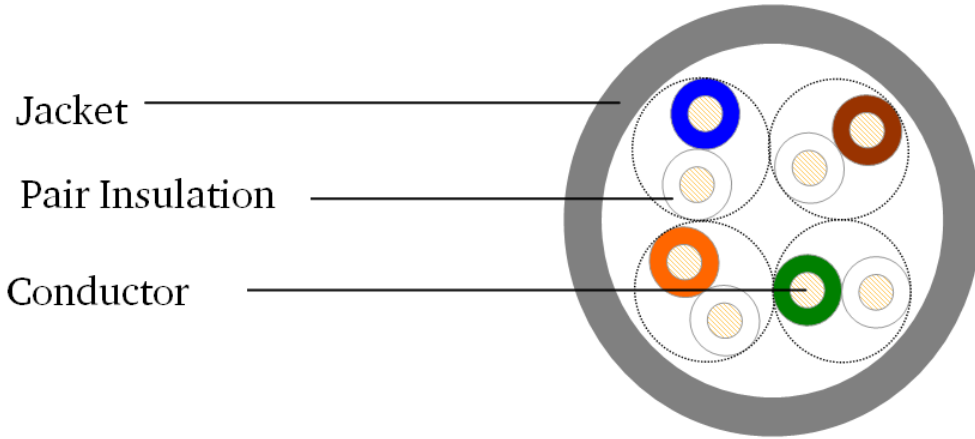
Electrical Specifications

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)	76 %
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	FEP
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)

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Operating Temperature	-20 °C to +60 °C (-4 °F to +140 °F)
Environmental Space	Plenum
Flame Test Method	CMP/FT6
Smoke Test Method	CMP/FT6

Packaging and Weights

Cable weight	29.763 kg/km	20 lb/kft
Packaging Type	Reel

Regulatory Compliance/Certifications

Agency	Classification
ISO 9001:2015	Designed, manufactured and/or distributed under this quality management system

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