1061B

Base Product



PowerSUM 1061B Category 5e Copper Cable

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	1061B	
ANSI/TIA Category	5e	
Cable Component Type	Horizontal	
Cable Type	U/UTP (unshielded)	
Conductor Type, singles	Solid	
Conductors, quantity	8	
Pairs, quantity	4	
Transmission Standards	ANSI/TIA-568.2-D CENELEC EN 50288-3-1 ISO/IEC 11801 Class D	
Dimensions		
Diameter Over Jacket, nominal	5.207 mm 0.205 in	
Jacket Thickness	0.508 mm 0.02 in	
Conductor Gauge, singles	24 AWG	
Electrical Specifications		
dc Resistance Unbalance, maximum	5 %	
dc Resistance, maximum	9.38 ohms/100 m 2.859 ohms/100 ft	

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Dielectric Strength, minimum	1500 Vac 2500 Vdc
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
Material Specifications	
Conductor Material	Bare copper
Insulation Material	Polyolefin
Jacket Material	PVC
Environmental Specifications	
Installation temperature	0 °C to +60 °C (+32 °F to +140 °F)
Operating Temperature	-20 °C to +60 °C (-4 °E to +140 °E)

Installation temperature	$0 \ C \ (0 + 60 \ C \ (+ 32 \ F \ (0 + 140 \ F)))$
Operating Temperature	-20 °C to +60 °C (-4 °F to +140 °F)
Environmental Space	Non-plenum
Flame Test Method	CMR

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