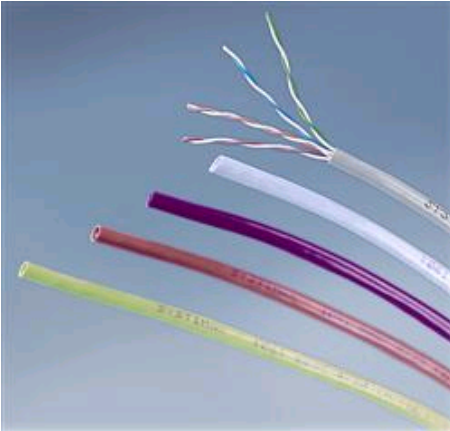


SYSTIMAX® 61 Series 4-Pair PowerSUM Cable



100 ohm high performance cable with excellent NEXT levels

The High-Speed 100 ohm High Performance PowerSUM Cable The SYSTIMAX® 61 Series 4-Pair Cable is a high speed, 100 ohm high performance cable with excellent NEXT levels. SYSTIMAX 61 series cables provide excellent high-speed transmission and support applications such as 155 Mb/s ATM, 622 Mb/s ATM and the IEEE 802.3 1000BASE-T (Gigabit Ethernet) Standard, using parallel transmission scheme technology. The 1061 4-pair cable meets or exceeds Category 5e/Class D specifications in ISO/IEC 11801, CENELEC EN50173, and TIA/EIA 568B.2. Further, these cables are ETL verified as Category 5e.

The 1061B 4-pair cable is composed of 24 AWG solid copper conductors with high-density polyolefin insulation and jacketed with low-smoke polyvinyl chloride (PVC). 1061B cable is ETL CMR rated.

- Variety of colors available
- Meets or exceeds the Category 5 and Category 5e requirements in ISO/IEC 11801 (2002), EN50173-1 (2002) and ANSI/TIA-568-C.2
- Supports an operating voltage of 72 Vdc between any conductors throughout the operating temperature range

Product Specifications



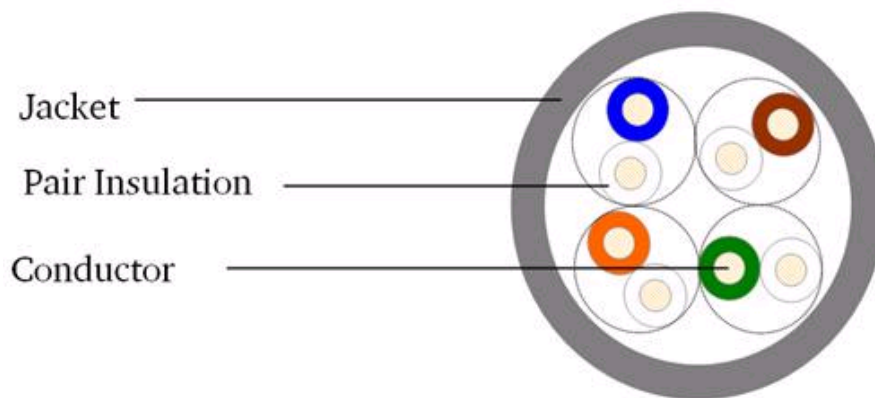
1061B BL 4/24 W1000

Material ID: 107251696

PowerSUM 1061B ETL Verified Category 5e U/UTP Cable, non-plenum CMR rated, blue jacket, 4 pair count, 1000 ft (305 m) length, WE TOTE® box

CHARACTERISTICS

Cross Section Drawing



Construction Materials

Conductor Material	Bare copper
Insulation Material	Polyolefin
Jacket Material	PVC

Dimensions

Cable Length	305 m 1000 ft
Cable Weight	19.60 lbs/kft
Diameter Over Jacket	5.207 mm 0.205 in
Jacket Thickness	0.508 mm 0.020 in

Electrical Specifications

ANSI/TIA Category	5e
dc Resistance Unbalance, maximum	5 %
dc Resistance, maximum	9.38 ohms/100 m
Mutual Capacitance	5.6 nF/100 m @ 1 kHz
Nominal Velocity of Propagation (NVP)	69 %

Product Specifications



1061B BL 4/24 W1000

Operating Frequency, maximum	200 MHz
Safety Voltage Rating	300 V
Transmission Standards	ANSI/TIA-568-C.2 CELENEC EN 50288 -3-1 ISO/IEC 11801 Class D

Environmental Specifications

Environmental Space	Non-plenum
Flame Test Method	CMG CMR
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

Brand	PowerSUM SYSTIMAX®
Cable Component Type	Horizontal
Cable Type	U/UTP (unshielded)
Pairs, quantity	4
Jacket Color	Blue
Conductor Gauge, singles	24 AWG
Conductor Type, singles	Solid
Conductors, quantity	8
Packaging Type	WE TOTE® box
Product Number	1061B

Mechanical Specifications

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

Agency
RoHS 2002/95/EC
ISO 9001:2008

Classification
Compliant
Compliant

