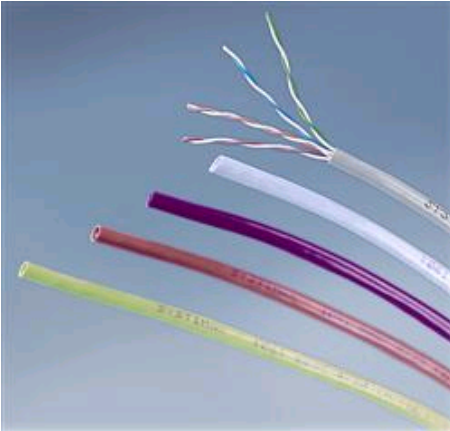


## SYSTIMAX® 61 Series 4-Pair PowerSUM Cable



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 2061F 4-pair cable is composed of 24 AWG solidcopper conductors insulated with Foam Fluorinated- Ethylene-Propylene (FEP), and it is lighter and smaller than the 2061B cable. The core of twisted pairs is jacketed with a low-smoke PVC. 2061F cable is ETL 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



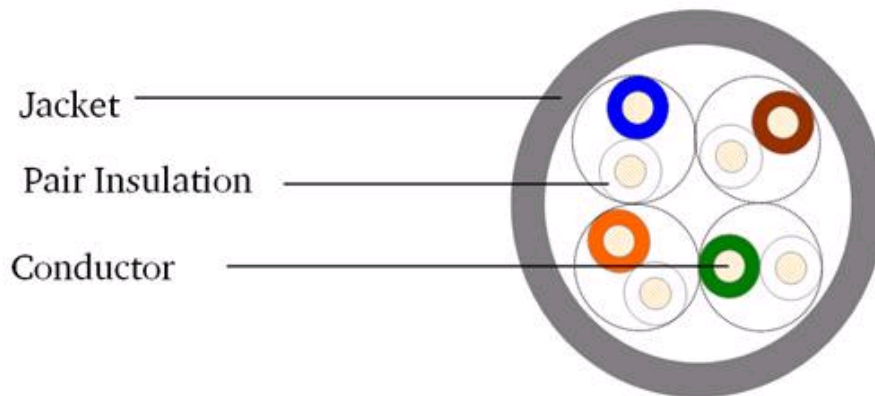
2061F BL 4/24 W1000

Material ID: 760041913

PowerSUM 2061F ETL Verified Category 5e U/UTP Cable, plenum, 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	FEP   Polyolefin
Jacket Material	PVC

### Dimensions

Cable Length	305 m   1000 ft
Cable Weight	20.00 lbs/kft
Diameter Over Jacket	4.572 mm   0.180 in
Jacket Thickness	0.483 mm   0.019 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)	76 %

# Product Specifications



2061F 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	Plenum
Flame Test Method	CMP
Installation Temperature	0 °C to +60 °C (+32 °F to +140 °F)
Operating Temperature	-20 °C to +60 °C (-4 °F to +140 °F)
Smoke Test Method	CMP

## 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	2061F

## 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

