

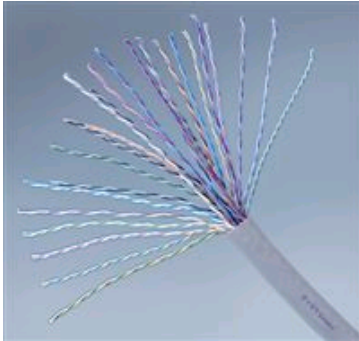
# Product Specifications



1061F SL 25/24 R1000

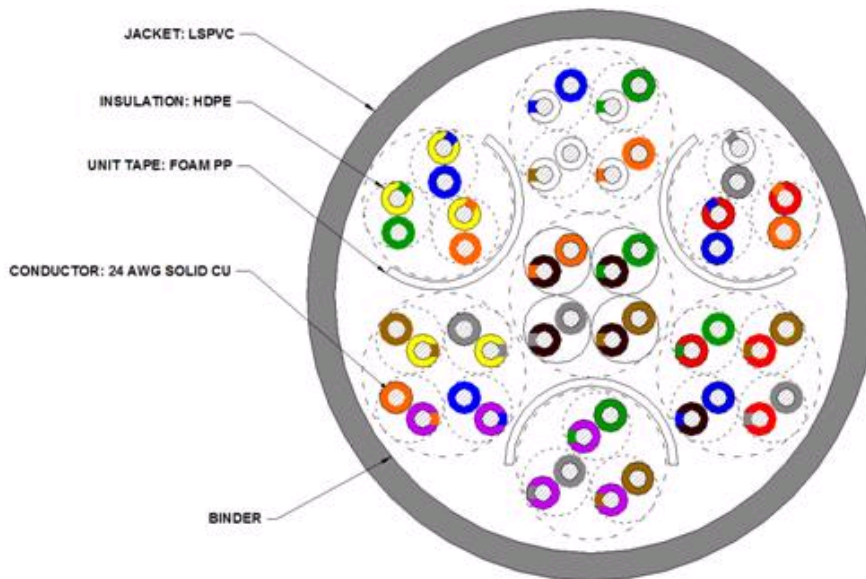
Material ID: 760026518

PowerSUM 1061F ETL Verified Category 5e U/UTP Cable, non-plenum, slate jacket, 25 pair count, 1000 ft (305 m) length, reel



## CHARACTERISTICS

### Cross Section Drawing



### Construction Materials

Conductor Material	Bare copper
Insulation Material	Polyolefin
Jacket Material	PVC

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# Product Specifications

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Separator Material Polyolefin

## Dimensions

Cable Length	305 m   1000 ft
Cable Weight	113.00 lb/kft
Diameter Over Jacket	13.462 mm   0.530 in
Jacket Thickness	0.686 mm   0.027 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 %
Operating Frequency, maximum	100 MHz
Operating Voltage, maximum	80 V
Transmission Standards	ANSI/TIA-568-C.2   CENELEC EN 50288 -3-1   ISO/IEC 11801 Class D
Dielectric Strength, minimum	1500 Vac   2500 Vdc

## 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	Backbone
Cable Type	U/UTP (unshielded)
Pairs, quantity	25
Jacket Color	Slate
Conductor Gauge, singles	24 AWG
Conductor Type, singles	Solid
Conductors, quantity	50
Packaging Type	Reel
Product Number	1061F
Separator Type	Bisector
Subunit, quantity	7

## Mechanical Specifications

Pulling Tension, maximum	11 kg   25 lb
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# Product Specifications

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## Regulatory Compliance/Certifications

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### Agency

RoHS 2002/95/EC  
ISO 9001:2008

### Classification

Compliant  
Compliant

