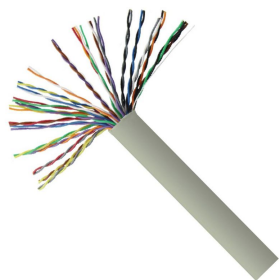


760026518 | 1061F SL 25/24 R1000



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

Product Classification

Regional Availability	Asia Australia/New Zealand EMEA Latin America North America
Portfolio	SYSTIMAX®
Product Type	Twisted pair cable
Product Brand	PowerSUM

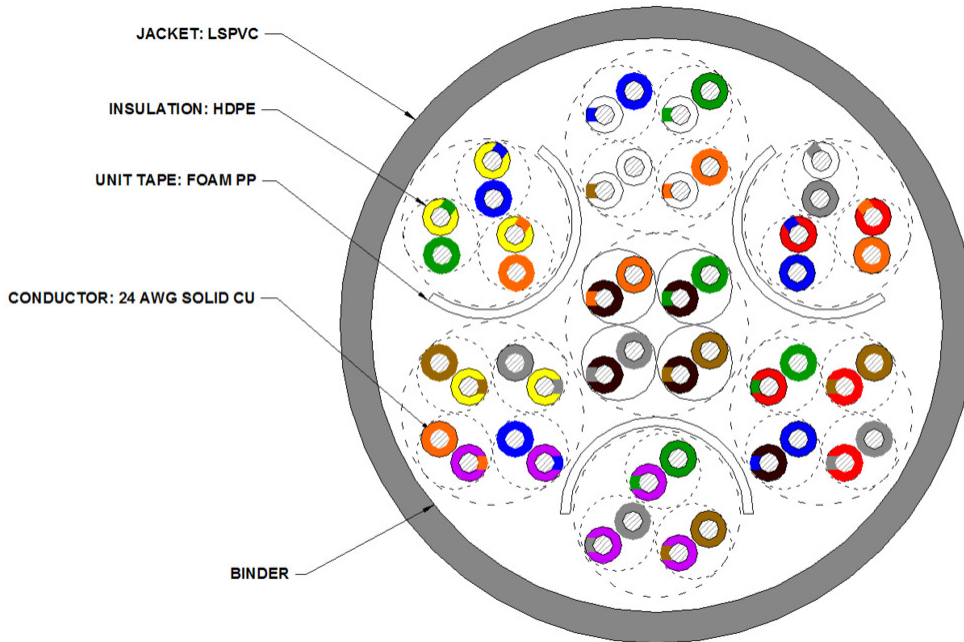
General Specifications

Product Number	1061F
ANSI/TIA Category	5e
Cable Component Type	Backbone
Cable Type	U/UTP (unshielded)
Conductor Type, singles	Solid
Conductors, quantity	50
Jacket Color	Slate
Pairs, quantity	25
Separator Type	Bisector
Subunit, quantity	7
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	13.462 mm 0.53 in
Jacket Thickness	0.686 mm 0.027 in
Conductor Gauge, singles	24 AWG

Cross Section Drawing



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)	69 %
Operating Frequency, maximum	100 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
Separator Material	Polyolefin

Mechanical Specifications

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Pulling Tension, maximum 11.34 kg | 25 lb

Environmental Specifications

Installation temperature 0 °C to +60 °C (+32 °F to +140 °F)

Operating Temperature -20 °C to +60 °C (-4 °F to +140 °F)

Environmental Space Non-plenum

Flame Test Method CMR

Packaging and Weights

Cable weight 168.163 kg/km | 113 lb/kft

Packaging Type Reel

Regulatory Compliance/Certifications

Agency

ISO 9001:2015

Classification

Designed, manufactured and/or distributed under this quality management system

