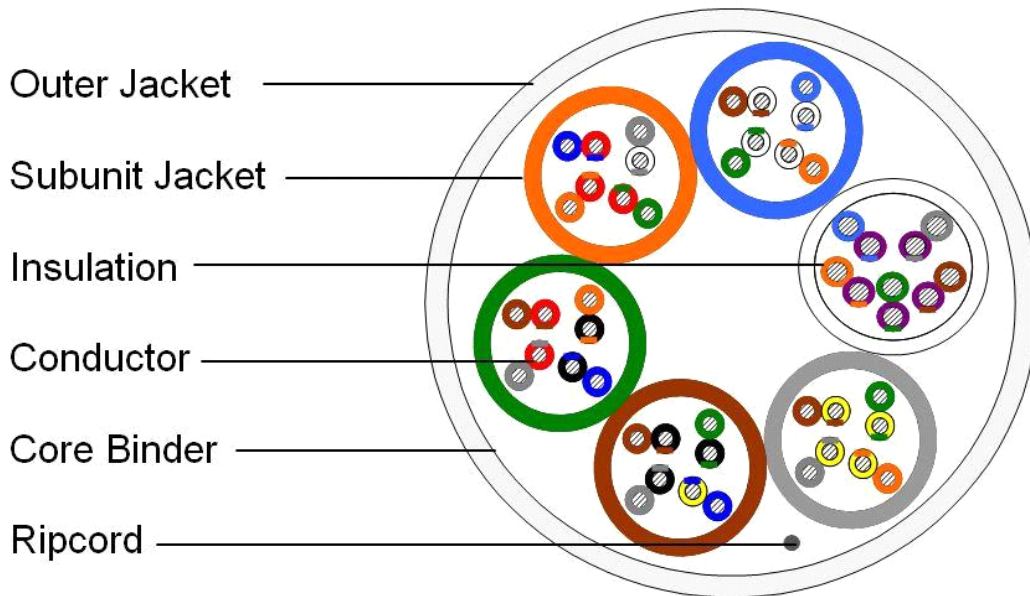


PowerSUM 2061 Category 5e U/UTP Cable, plenum, white jacket, 25 pair count, 4000 ft (1219 m) length, reel

Product Classification

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

Cross Section Drawing



Construction Materials

Jacket Material	PVDF
Conductor Material	Bare copper
Inner Jacket Material	PVC
Insulation Material	FEP
Ripcord Material	Nylon

Dimensions

Cable Length	1219 m 4000 ft
Cable Length Tolerance	±5%
Cable Weight	174.20 lb/kft
Diameter Over Jacket, nominal	14.986 mm 0.590 in
Jacket Thickness	0.457 mm 0.018 in

Electrical Specifications

ANSI/TIA Category	5e
dc Resistance Unbalance, maximum	5 %
dc Resistance, maximum	9.38 ohms/100 m
Mutual Capacitance at Frequency	5.6 nF/100 m @ 1 kHz
Nominal Velocity of Propagation (NVP)	71 %
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	Plenum
Smoke Test Method	CMP
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)

General Specifications

Cable Type	U/UTP (unshielded)
Packaging Type	Reel
Pairs, quantity	25
Cable Component Type	Backbone
Jacket Color	White
Product Number	2061B
Conductor Gauge, singles	24 AWG
Conductor Type, singles	Solid
Conductors, quantity	50
Subunit, quantity	6

Mechanical Specifications

Pulling Tension, maximum 68 kg | 150 lb

Regulatory Compliance/Certifications

Agency

RoHS 2011/65/EU

ISO 9001:2015

Classification

Compliant

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

