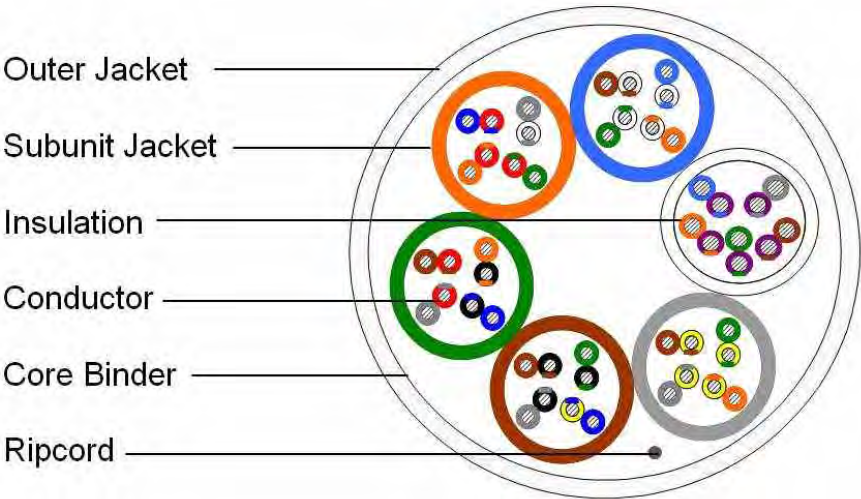




760103051 | 2061B WH 25/24 R4000
PowerSUM 2061 Category 5e U/UTP Cable, plenum, white jacket, 25 pair count, 4000 ft (1219 m) length, reel

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	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	5.6 nF/100 m @ 1 kHz
Nominal Velocity of Propagation (NVP)	71 %
Operating Frequency, maximum	100 MHz

760103051 | 2061B WH 25/24 R4000

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
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

Cable Type	U/UTP (unshielded)
Pairs, quantity	25
Cable Component Type	Backbone
Packaging Type	Reel
Brand	SYSTIMAX®
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
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Regulatory Compliance/Certifications

Agency	Classification
RoHS 2011/65/EU	Compliant
ISO 9001:2008	Designed, manufactured and/or distributed under this quality management system

