

WIREFATH

BULK WIRE

SP-VANT-1000

16AWG, 2 Conductor, 65 strand, CL3 & Direct Burial

Features

- Oxygen - Free Copper conductors ensure signal integrity
- Direct burial rated for indoor and outdoor use.

Application

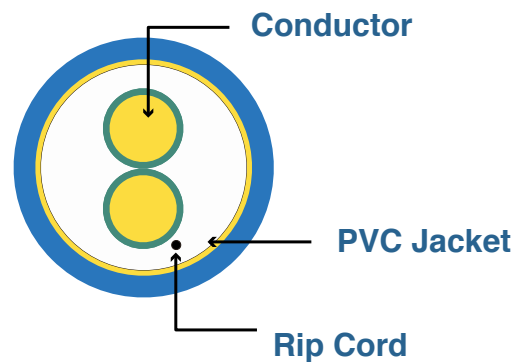
- Power limited circuit cable for use a fixed wiring within buildings principally for class 3 and class 2 circuits.
- Lighting Control for Vantage systems

Flame Test

- UL & c(UL) Flame Test: CL3 & FT6
- Rated Temp: 75°C
- Rated Voltage: 600V
- Production Standard: UL 13 and UL 444
- UL Certification: (UL) CL2/CL3; c(UL) CM

Applicable Standards

- | | |
|---------------------------|-----|
| • NEC/(UL) Specifications | CL3 |
| • NEC Articles | 725 |
| • CEC/(UL) Specifications | CL3 |



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Material and Construction		
Conductors	Stranded Bare Copper	
	Components	2 cores
	AWG	16 (65/0.16mm)
	Stranded Diameter	1.47mm
Insulation	Material	PVC + Nylon
	Insulation Diameter (mm)	PVC: 2.2mm
		Nylon: 2.7mm
Jacket	PVC	
Rip Cord	150D * 3	
Norm. thickness	0.8 mm	
Outer Diameter	7.0mm	
Marking	WIREFATH™ BULK WIRE BY SNAPAV VANT DIRECT BURIAL OXYGEN FREE COPPER 16AWG 2C 600V E325181-HY (UL) CL3 or E325177-HY c(UL) CMG FT4 75C DDMMYY "ROHS" XXX/XXX FT	

Performance		
Physical & Electrical Characteristics (at 20°C)		
Cond. DCR	16AWG	≤ 13.7 Ohms/KM
Minimum Bending Radius	≥ 20 * Φ	
Spark test	2500V DC	
Cable cold bend	-20°C for 4 hours	
Dielectric strength	1200V AC for 1 min	
Insulation resistance	≥ 200MΩ/KM	
Tensile Strength	≥ 13.8Mpa (unaged)	
Elongation:	≥ 100% (unaged)	

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Color and Packaging	
Core 1	Black
Core 2	Red
Jacket	Purple: Pantone Purple
	with Yellow: Pantone Yellow Stripe
Package	1000ft. on Spool
Dimensions (in)	15.0" x 9.8" x 15.0"
Dimensions (mm)	380mm x 250mm x 380mm
Weight (lbs)	42

Values above 250MHz are for information only.