

# WIREFATH

## BULK WIRE

### SP-162-500-XXX

16AWG, 2 Conductor, 65 Strands

### Features

- Oxygen - Free copper conductors ensure signal integrity

### Application

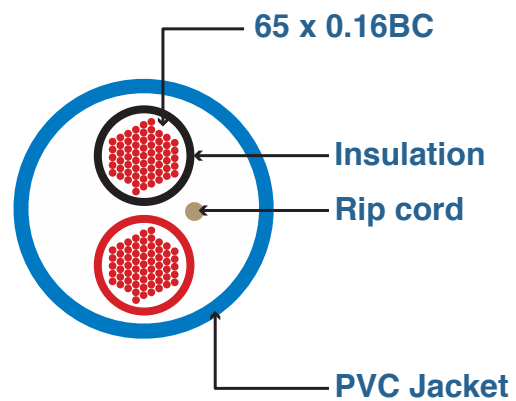
- Multi-conductor audio
- Control, instrumentation, LED lighting cables

### Flame Test

- C(UL) Flame Test FT4

### Applicable Standards

- NEC/(UL) Specifications CL3
- NEC Articles 725



### Usage & Environmental Condition

Temperature range	Storage & shipping	-20°C to 75°C
	Installation	0°C to 60°C
	Operation	75°C
Minimum bending radius		≥ 15 times of overall diameter

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Material and Construction		
Construction	2 Conductor	Oxygen Free Copper Wire Strand
	AWG	16
	Stranding	65 Strands * 0.16mm diameter +/- .001
Insulation	Material	PVC (Polyvinyl Chloride)
	Thickness (mm)	0.25
	Insulation Diameter (mm)	2.2 +/- 0.2mm
	Color	As ordered
Rip Cord	Material	Nylon (150D)
Jacket	Material	PVC (Polyvinyl Chloride)
	Nominal Thickness(mm)	0.55 +/- 0.15
	Cable Dia. (mm)	5.3 +/- 0.3
Marking	WirePath™ Bulk Wire by SnapAV, E325177-HY(UL) C(UL), 2 COND 16 AWG 65 STRAND OXYGEN FREE 75°C, DDMMYY, 000/500 FT ~~~ 498/002 FT	

Physical & Electrical Characteristics (at 20°C)	
Temperature & voltage rating	75°C / 300V
Spark test	2500V DC
Cable cold bend	-20°C for 4 hr
Conductor DC resistance	≤ 14.5 Ω/km
Dielectric strength	1500V AC for 2 s
Insulation resistance	≥ 200 MΩ·Km