

WIREFATH

BULK WIRE

SP-142-500-XXX

14AWG, 2 Conductor, 105 Strands

Features

- Oxygen - Free copper conductors ensure signal integrity

Application

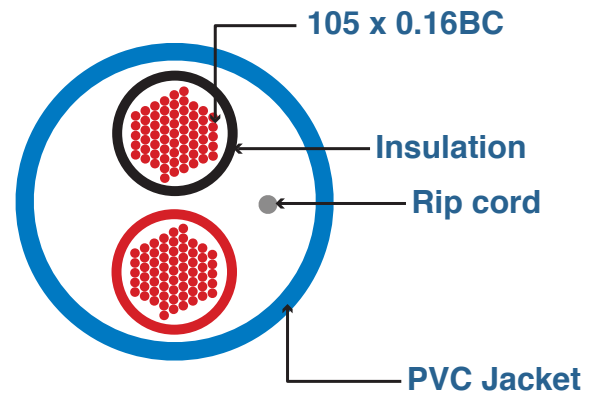
- Multi-conductor audio
- Control, instrumentation, LED lighting cables

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	14
	Stranding	105 Strands* 0.16mm diameter +/- .001
Insulation	Material	PVC (Polyvinyl Chloride)
	Thickness (mm)	0.4
	Insulation Diameter (mm)	2.7 +/- 0.2mm
	Color	As ordered
Rip Cord	Material	Nylon (150D)
Jacket	Material	PVC (Polyvinyl Chloride)
	Nominal Thickness(mm)	0.6 +/- 0.1
	Cable Dia. (mm)	6.3 +/- 0.2
Marking	WirePath™ Bulk Wire by SnapAV, E325177-HY(UL) C(UL), 2 COND 14 AWG 105 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	≤ 8.96 Ω/km
Dielectric strength	1500V AC for 2 s
Insulation resistance	≥ 200 MΩ·Km