

# WIREFATH

## BULK WIRE

### SB-224-SLD-500-XXX & NST-224-SLD-1000-XXX

22AWG, 4 Conductor, Solid Copper

#### Features

- Oxygen - Free copper conductors ensure signal integrity

#### Application

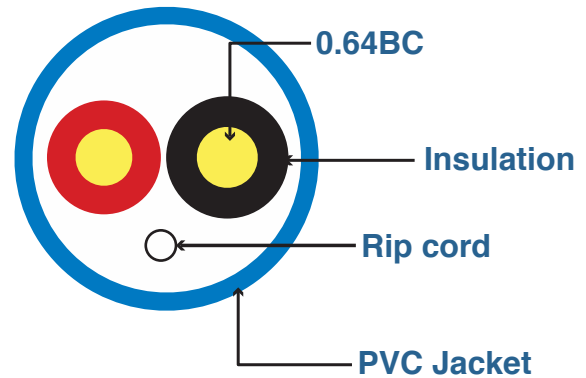
- Stranded security wire for general purpose security
- Low voltage power

#### Flame Test

- C(UL) Flame Test FT4

#### Applicable Standards

- NEC/(UL) Specifications CMG
- NEC Articles 800
- CEC/(UL) Specifications CMG



#### Usage & Environmental Condition

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

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Material and Construction		
Construction	4 Conductor	Oxygen Free Solid Copper
	AWG	22
	Stranding	7 Strands * 0.64mm solid copper conductors
Insulation	Material	PVC (Polyvinyl Chloride)
	Thickness (mm)	0.20
	Insulation Diameter (mm)	1.15 +/- 0.2mm
	Color	As ordered
Rip Cord	Material	Nylon (150D)
Jacket	Material	PVC (Polyvinyl Chloride)
	Nominal Thickness(mm)	0.40 +/- 0.05
	Cable Dia. (mm)	3.2 +/- 0.2
Marking	WirePath™ Bulk Wire by SnapAV, E325177-HY(UL) C(UL) CMG, 4 COND 22 AWG SOLID OXYGEN FREE 75°C, DDMMYY, 000/500FT ~~~ 498/002 FT	

Physical & Electrical Characteristics (at 20°C)	
Temperature & voltage rating	75°C / 80V
Spark test	2000V DC
Cable cold bend	-20°C for 4 hr
Conductor DC resistance	≤ 60.4 Ω/km
Dielectric strength	1000V AC for 2 s
Insulation resistance	≥ 200 MΩ·Km