

# WIREFATH

## BULK WIRE

### SP-186SH-STR-1000-G

- 18 AWG, 6 Conductor, 42 Strands, Shielded, Copper

#### Features

- Oxygen-free copper ensures signal integrity

#### Application

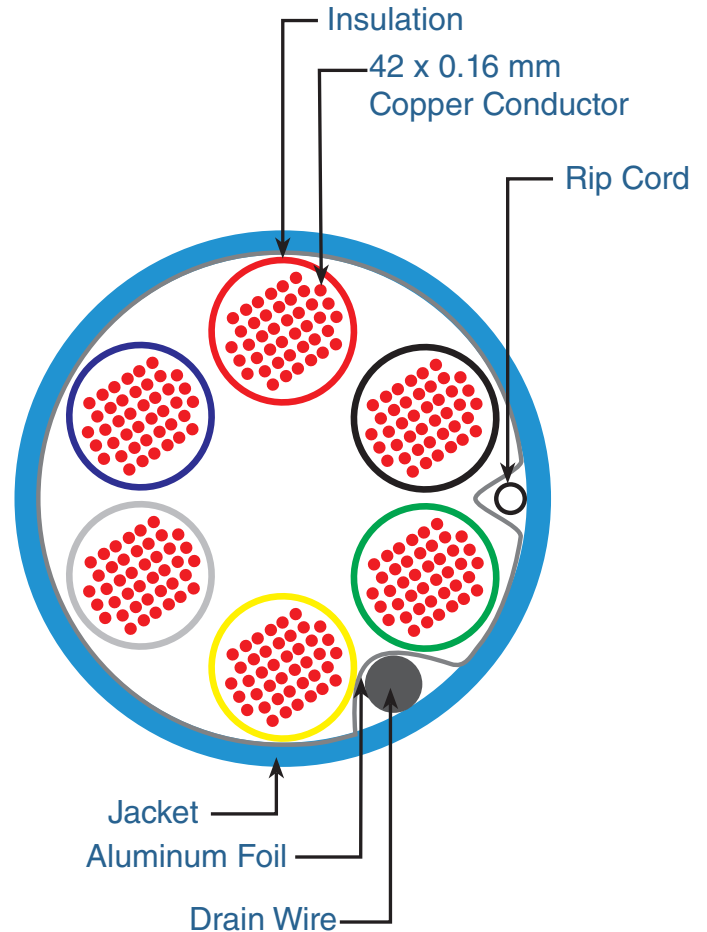
- Solid security wire for general purpose security
- Low voltage power

#### 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		≥ 15 times of overall diameter

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Material and Construction		
Construction	6 Conductor	Oxygen-free Copper Wire Strand
	AWG	18
	Stranding	42 Strands * 0.16 mm ± 0.005
Insulation	Material	PVC (Polyvinyl Chloride)
	Thickness	0.25 ± 0.05 mm
	Insulation Diameter	1.7 ± 0.2 mm
	Color	Black, Red, Blue, White, Yellow, Green
Shielding	Material	Aluminum Foil
	Coverage	125%
Rip Cord	Material	Nylon (250D)
Jacket	Material	PVC (Polyvinyl Chloride)
	Nominal Thickness	0.5 ± 0.1 mm
	Cable Diameter	5.8 ± 0.3 mm
	Color	Gray
Printing Legends: WIREFATH™ BULK WIRE BY SNAPAV 18AWG 6C 42 STRAND SHIELDED OXYGEN FREE COPPER E325177-PYV c(UL)us CMG FT4 75C ROHS DDMMYY 0000/1000ft		

Physical & Electrical Characteristics (at 20°C)	
Spark Test	2.5KV DC
Cable Cold Bend	-20°C for 4 hr
Conductor DC Resistance	≤ 21.8
Dielectric Strength	0.5V AC for 1 min
Insulation Resistance	≥ 100 MΩ•Km