

# WIREFATH

## BULK WIRE

### SP-CRST1-1000

22AWG, 2 Conductor Shielded + 18AWG, 2 Conductor Unshielded

### Features

- Oxygen - Free copper conductors ensure signal integrity

### Application

- Control system applications such as Crestron, Lutron, and AMX
- Transfers data and power over a single bundle

### Flame Test

- C(UL) Flame Test

FT4

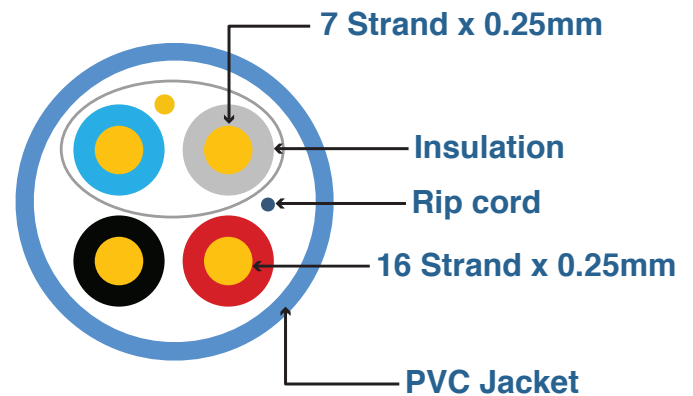
### Applicable Standards

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

CMG

800

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

	22/2 Shielded	18/2 Unshielded
Conductor Material	Oxygen free copper wire	
AWG	22 (7 Strands x 0.25mm)	18 (16 Strands x 0.25mm)
Insulation Diameter	2.0mm +/- 0.2mm	1.95mm +/- 0.2mm
Insulation Thickness	0.60mm +/- 0.15mm	0.35mm +/- 0.10mm
Insulation Color	White and Blue	Red and Black
Al-foil Shielding	Yes	No
Drain wire	24AWG (7*0.20TC)	No
Impedance	100 +/- 15 $\Omega$	N/A
Capacity	11 +/- 2pF/ft	N/A
Ripcord	Nylon (150D)	
Jacket Material	PVC	
Jacket Diameter	5.9mm +/- 0.4mm	
Jacket Thickness	0.60mm +/- 0.2mm	
WirePath™ Bulk Wire by SnapAV, E325177-HY(UL) C(UL) CMG, CRST1 2 COND 22 AWG SHIELDED + 2 COND 18 AWG UNSHIELDED 75°C, DDMMYY, 000/1000 FT ~~~ 998/002 FT		

### Physical & Electrical Characteristics (at 20°C)

Temperature & voltage rating	75°C / 300V
Spark test	2000V DC
Cable cold bend	-20°C for 4 hr
Conductor DC resistance	18AWG $\leq$ 22.7 $\Omega$ /km
	22AWG $\leq$ 55.4 $\Omega$ /km
Dielectric strength	1500V AC for 2 s
Insulation resistance	$\geq$ 200 M $\Omega$ ·Km