

# WIREFATH

## BULK WIRE

### NST-LUT1-1000

22AWG, 2 Conductor Shielded + 18AWG, 2 Conductor Unshielded, CL3

### Features

- Oxygen - Free Copper conductors ensure signal integrity
- Cable coiled with Reelex II Technology to ensure Tangle-Free Pull

### Application

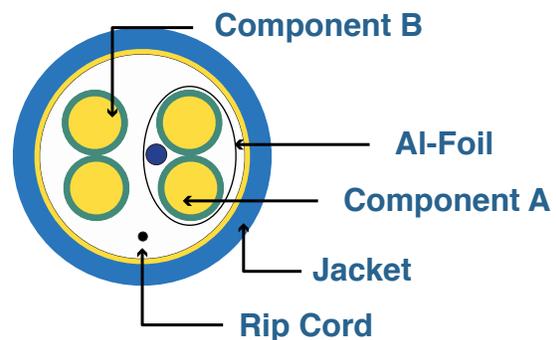
- Power limited circuit cable for use a fixed wiring within buildings principally for class 3 and class 2 circuits.
- Control system applications such as Crestron, Lutron, and AMX
- Transfers data and power over a single bundle

### Flame Test

- UL & c(UL) Flame Test: CL3 & FT4
- Rated Temp: 75°C
- Rated Voltage: 300V
- Production Standard: UL 13
- UL Certification: (UL) and c(UL) CL3

### Applicable Standards

- |                           |     |
|---------------------------|-----|
| • NEC/(UL) Specifications | CL3 |
| • NEC Articles            | 725 |
| • CEC/(UL) Specifications | CL3 |



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Material and Construction		
Component A		2X22AWG shielded
Cond. Material	Oxygen Free Copper Wire	
AWG	22 (7/0.25mm)	
Insulation Material	Foamed PE with Skin	
Insulation Diameter	2.0mm ± 0.2mm	
Insulation thickness	0.60 ± 0.15mm	
Insulation Color	White / Blue	
Drain wire	7/0.20TC	
Al-foil shielding	100% Coverage	
Component B		2X18AWG unshielded
Cond. Material	Oxygen Free Copper Wire	
AWG	18 (16/0.25mm)	
Insulation Material	SR PVC	
Insulation Diameter	1.95mm ± 0.2mm	
Insulation thickness	0.35 ± 0.10mm	
Insulation Color	Red / Black	
Components A & B Combined Together		
Rip Cord	150D*3	
Jacket	PVC	
	Outer Diameter	5.6mm
	Norm. Thickness	0.60mm
Marking	WIREFATH™ BULK WIRE BY SNAPAV LUT1 OXYGEN FREE COPPER 18AWG 2C + 22AWG 1PR SHIELDED E325181-HY (UL) CL3 or E325177-HY c(UL) CL3 FT4 75C DDMMYY "ROHS" XXX/XXX FT	

### Relex Machine Setting (D750)

Mandrel Size (inches)	18
Endform Size (inches)	8
Gain	35
Density	Yes
Hole size	85

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### Performance

Physical & Electrical Characteristics (at 20°C)

Component A	Impedance	100 ± 15 Ohms
	Capacity	11 ± 2 Pf/feet
Cond. DCR	18AWG	≤ 21.9 Ohms/KM
	22AWG	≤ 55.4 Ohms/KM

### Color and Packaging

Component A	White & Blue
Component B	Black & Red
Jacket	Non Brightness Blue: Pantone 279U
	with Green: Pantone 326C Stripe
Packaging	1000ft. In Box - Speaker Large
Dimensions (in)	15.6" x 15.0" x 10.6"
Dimensions (mm)	396.2mm x 381.0mm x 269.2mm
Weight (lbs)	35.2

Values above 250MHz are for information only.