

WIREFATH

BULK WIRE

SP-LUT1-1000 or -500

22AWG, 2 Conductor Shielded + 16 AWG, 2 Conductor Unshielded, CL3

Features

- Oxygen - Free Copper conductors ensure signal integrity
- Designed for short- and medium-length runs.

Application

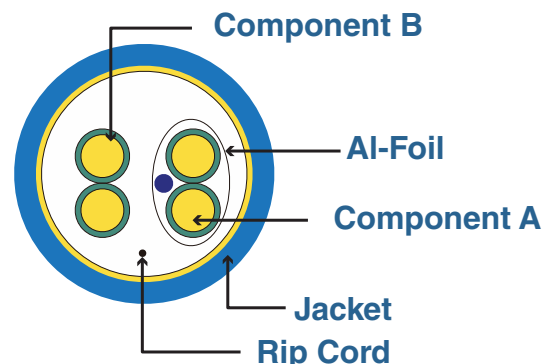
- Power limited circuit cable for use a fixed wiring within buildings principally for class 3 and class 2 circuits.
- Control system applications such as Crestron, Lutron, and AMX
- Transfers data and power over a single bundle

Flame Test

- UL & C(UL) Flame Test: CL3 & FT4
- Rated Temp: 75°C
- Rated Voltage: 300V
- Production Standard: UL 444
- 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		2 x 22 AWG Shielded
Cond. Material	Oxygen Free Copper Wire	
AWG	22 (7/0.25 mm)	
Insulation Material	Foamed PE with Skin	
Insulation Diameter	1.8mm ± 0.2 mm	
Insulation Thickness	0.60 ± 0.15 mm	
Insulation Color	White/Blue	
Drain Wire	7/0.20TC	
Al-Foil Shielding	100% Coverage	
Component B		2x16 AWG Unshielded
Cond. Material	Oxygen Free Copper Wire	
AWG	16 (26/0.25 mm)	
Insulation Material	SR PVC	
Insulation Diameter	2.15 mm ± 0.2 mm	
Insulation Thickness	0.35 ± 0.10 mm	
Insulation Color	Red/Black	
Components A & B Combined Together		
Rip Cord	150D*3	
Jacket	PVC	
	Outer Diameter	5.8 mm
	Norm. Thickness	0.65 mm
Marking	WIREFATH™ BULK WIRE BY SNAPAV LUT1 OXYGEN FREE COPPER 16AWG 2C + 22AWG 1PR SHIELDED E325181-HY (UL) CL3 or E325177-HY c(UL) CL3 FT4 75C DDMMYY "ROHS" XXX/XXX FT	

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Performance

Physical & Electrical Characteristics (at 20°C)

Component A	Impedance	100 ± 15 ohms
	Capacity	11 ± 2 Pf/ft
Cond. DCR	16 AWG	≤ 13.7 ohms/KM
	22 AWG	≤ 55.4 ohms/KM

Physical & Electrical Characteristics (at 20°C)

Component A	White & Blue
Component B	Black & Red
Jacket	Non-Brightness Blue: Pantone 279U
	With Orange: Pantone 1505 Stripe
Packaging	500 or 1000ft on Spool
Dimensions (in)	15.0" x 7.1" x 5.9"
Dimensions (mm)	380 mm x 180 mm x 150 mm
Weight (lbs)	45
Packaging	500 ft on Spool
Dimensions (in)	10.6" x 7.1" x 4.3"
Dimensions (mm)	270 mm x 180 mm x 110 mm
Weight (lbs)	22

Values above 250MHz are for information only.