

# WIREFATH

## BULK WIRE

### SP-LUT4-1000

18AWG, 4 Conductor, 42 strand, Shielded, CL3

### Features

- Oxygen - Free Copper conductors ensure signal integrity
- Compatible with multiple Lutron applications

### Application

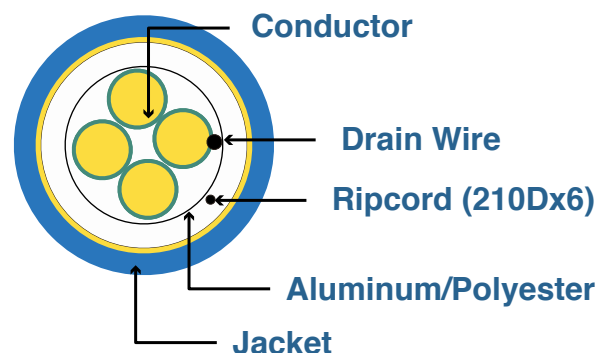
- Power limited circuit cable for use a fixed wiring within buildings principally for class 3 and class 2 circuits.
- Control system applications such as Crestron, Lutron, and AMX
- Transfers data and power over a single bundle

### Flame Test

- UL & c(UL) Flame Test: CL3 & FT4
- Rated Temp: 75°C
- Rated Voltage: 600V
- 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		
Conductor	Material	Stranded Bare Copper
Insulation	Insulation Diameter	PVC + Nylon
		PVC: 1.9mm
		Nylon: 2.2mm
Shield	Al-foil (> 125%)	
Drain wire	7/0.20TC	
Stranding	42/0.16mm	
Rip Cord	150D * 3	
Jacket	Material	PVC
	Nom. thickness	1.1mm
	Outer Diameter	7.5mm
Marking	WIREFATH™ BULK WIRE BY SNAPAV LUT4 600V DIRECT BURIAL 18AWG 4C OXYGEN FREE COPPER E325181-HY (UL) CL3 or E325177-HY c(UL) CL3 FT4 75C "ROHS" DDMMYY XXX/XXX FT	

Performance		
Physical & Electrical Characteristics (at 20°C)		
Cond. DCR	18AWG	≤ 21.9 Ohms/KM
Minimum Bending Radius	≥ 20 * Φ	
Spark test	2500V DC	
Cable cold bend	-20°C for 4 hours	
Dielectric strength	500V AC for 1 min	
Insulation resistance	≥100MΩ/KM	
Tensile Strength	≥13.8Mpa (unaged)	
Elongation	≥100% (unaged)	

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Color and Packaging	
Core 1	Black
Core 2	Red
Core 3	Green
Core 4	White
Jacket	Blue: Pantone 279U
	with White: Pantone White Stripe
Packaging	1000ft. on Spool
Dimensions (in)	15.0" x 11.8" x 6.3"
Dimensions (mm)	380mm x 300mm x 160mm
Weight (lbs)	59

Values above 250MHz are for information only.