WIREPATH

BULK WIRE

SP-LUT1-1000 or -500

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

Features

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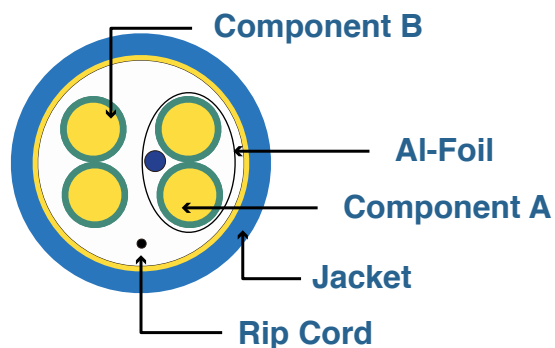• Designed for short- and medium-length runs

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: 75ºC
• Rated Voltage: 300V
• Production Standard: UL 444
• UL Certifcation: (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	1.8mm ± 0.2mm
Insulation thickness	0.60 ± 0.15mm
Insulation Color	White / Blue
Drain wire	7/0.20TC
Al-foil shielding	100% Coverage
Component B	**2X16AWG unshielded**
Cond. Material	Oxygen Free Copper Wire
AWG	16 (26/0.25mm)
Insulation Material	SR PVC
Insulation Diameter	2.15mm ± 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	5.8mm
	Norm. Thickness	0.65mm
Marking	WIREPATH™ 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	

Performance

Physical & Electrical Characteristics (at 20°C)		
Component A	Impedance	100 ± 15 Ohms
	Capacity	11 ± 2 Pf/feet
Cond. DCR	16AWG	≤ 13.7 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 Orange: Pantone 1505 Stripe
Packaging	500 or 1000ft. on Spool
Dimensions (in)	15.0" x 7.1" x 5.9"
Dimensions (mm)	380mm x 180mm x 150mm
Weight (lbs)	45
Packaging	500ft. on Spool
Dimensions (in)	10.6" x 7.1" x 4.3"
Dimensions (mm)	270mm x 180mm x 110mm
Weight (lbs)	22

Values above 250MHz are for information only.