

WIREFATH

BULK WIRE

NST-222-SH-E-1K-PUR

22AWG, 4 Conductor, 2 Pair (Shielded), 7 strand

Features

- DMX Lighting Controls, Microphone / Other Audio Applications
- Oxygen - Free Copper conductors ensure signal integrity
- Cable coiled with Reelix II Technology to ensure Tangle-Free Pull

Application

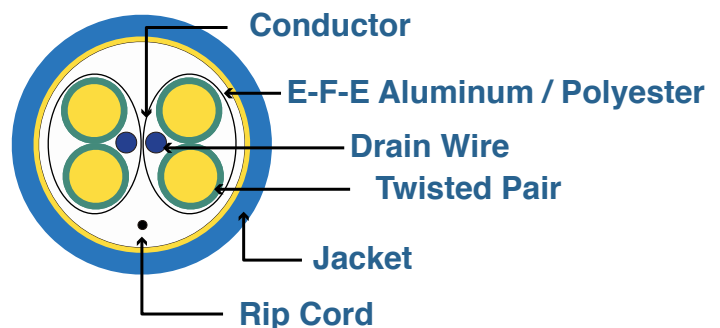
- Power limited circuit cable for use a fixed wiring within buildings principally for class 3 and class 2 circuits.
- Indoor for use Audio, Sound, Security, Intercom, and Power Limited Control
- Multi-conductor audio/sound
- In-Wall, plenum, and riser applications

Flame Test

- UL & c(UL) Flame Test: CL3 & FT4
- UL 1685 for CM / CL3
- Rated Temp: 75°C
- Rated Voltage: 300V
- Production Standard: UL 13 and UL 444
- UL Certification: (UL) CL2/CL3; c(UL) CM

Applicable Standards

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



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Material and Construction		
2Pairs	Oxygen Free Copper Wire Strands	
AWG	22	
Stranding	7/0.254 BC	
Insulation	Material	PVC
	Avg. Thickness (mm)	0.2 ± 0.04
	Insulation Diameter (mm)	1.15 ± 0.15mm
	Ripcord	Nylon (150D)
Jacket	Material	Transparent PVC
	Nominal Thickness (mm)	0.42 ± 0.08
	Cable Dia. (mm)	5.0 ± 0.25
Drain Wire	7/0.20TC	
Screen	Al-foil (>100%)	
Marking	WIREFATH™ BULK WIRE BY SNAPAV 184-CS OXYGEN FREE COPPER 18AWG 4C E325181-HY (UL) CL3 or E325177-HY c(UL) CMG FT4 75C DDMMYY "ROHS" XXX/XXX FT	

Performance	
Physical & Electrical Characteristics (at 20°C)	
Minimum Bending Radius	≥ 15 * Φ
Spark test	2500V DC
Cable cold bend	-20°C for 4 hours
Conductor DC resistance	≤ 55.4 Ohms/KM
Dielectric strength	500V AC for 1 min
Insulation resistance	≥ 50MΩ/KM
Tensile Strength	≥ 13.8Mpa (unaged)
Elongation:	≥ 100% (unaged)
Capacitance	
Cond. To Cond.	39 ± 1.5 ohms
Cond to rest	75 ±1.5 ohms

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Reelx Machine Setting (D750)

Mandrel Size (inches)	18
Endform Size (inches)	8
Gain	29
Density	Yes
Hole size	85

Color and Packaging

Insulation	1 Pair: Black and Red	
	2 Pair: Black and White	
Jacket	Brightness Transparent Purple: Pantone 2587C	
Packaging	1000ft. in Pull Box - Speaker Small	
	Dimensions (in)	13.9" x 13.4" x 9.5"
	Dimensions (mm)	353.1mm x 340.4mm x 241.3mm
	Weight (lbs)	24.4

Values above 250MHz are for information only.