

WIREFATH

BULK WIRE

NST-182-PL-500-BLK

18AWG, 2 Conductor, 7 Strands, CMP

Features

- CMP Plenum rated speaker wire
- Oxygen - Free Copper conductors ensure signal integrity

Application

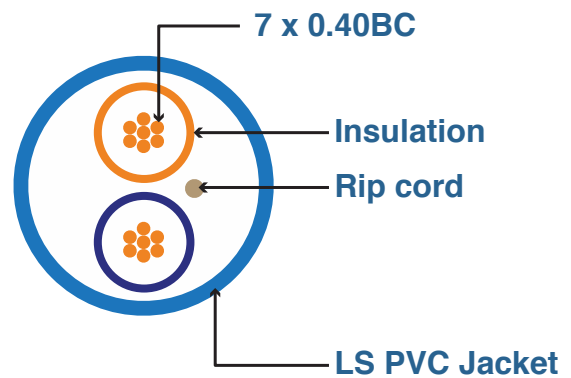
- Multi-conductor audio/sound
- In-Wall, plenum, and riser applications

Flame Test

- C(UL) Flame Test FT6

Applicable Standards

- NEC/(UL) Specifications CMP
- NEC Articles 800
- CEC/(UL) Specifications CMP



Usage & Environmental Condition

Usage & Environmental Condition		
Temperature range	Storage & shipping	-20°C to 75°C
	Installation	0°C to 60°C
	Operation	75°C
Minimum bending radius		≥ 15 times of overall diameter

WIREFATH

BULK WIRE

Material and Construction		
Construction	2 Core	Oxygen Free Copper Wire Strand
	AWG	18
	Stranding	7 Strands * 0.40mm diameter +/- .001
Insulation	Material	LS PVC (Low Smoke Polyvinyl Chloride)
	Thickness (mm)	0.35
	Insulation Diameter (mm)	2.2 +/- 0.2mm
	Color	Black
Rip Cord	Material	Nylon (150D)
Jacket	Material	LS PVC (Low Smoke Polyvinyl Chloride)
	Nominal Thickness(mm)	0.40 +/- 0.1
	Cable Dia. (mm)	2.6 * 4.6 +/- 0.2
Marking	WirePath™ Bulk Wire by SnapAV, E325177-HY(UL) C(UL) CMP PLENUM, 2 COND 18 AWG 7 STRAND OXYGEN FREE 75°C, DDMMYY, 000/500 FT ~~~ 498/002 FT	

Physical & Electrical Characteristics (at 20°C)	
Temperature & voltage rating	75°C / 300V
Spark test	2.5 KV DC
Cable cold bend	-20°C for 4 hr
Conductor DC resistance	≤ 14.3 Ω/km
Dielectric strength	1.5 KV ac for 2 s
Insulation resistance	≥ 200 MΩ·Km