WIREPATH
BULK WIRE

NST-122-DB-500-WH

12AWG, 4 Conductor, 65 Strand, CL3

Features

• CL3 Rated
• Oxygen - Free Copper conductors ensure signal integrity
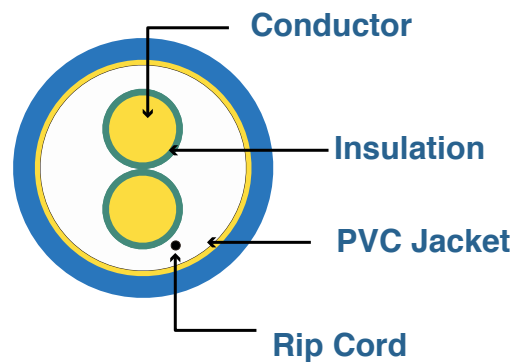• Cable coiled with Reelex II Technology to ensure Tangle-Free Pull

Application

• Power limited circuit cable for use a fixed wiring within bulidings (some are also marked for direct burial) principally for class 3 and class 2 circuits.
• Direct Burial Use

Flame Test

• UL and cUL Flame Test: CL3 & FT4
• Rated Temp: 75ºC
• Rated Voltage: 300V
• Production Standard: UL 13 and UL 444
• UL certifcation: (UL) CL2/CL3; c(UL) CM

Applicable Standards

• NEC/(UL) Specifications	CL3
• NEC Articles	800
• CEC/(UL) Specifications	CL3

Conductor

Insulation

PVC Jacket

Rip Cord

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Material and Construction		
2 core	Oxygen Free Copper Wire Strands	
AWG	12	
Stranding	65/0.25mm	
Insulation	Material	PVC
	Avg. Thickness (mm)	0.42 ± 0.08
	Insulation Diameter (mm)	3.2 ± 0.2mm
	Binder	Tissue tape
	Ripcord	Nylon (150D)
Jacket	Material	PVC (86A)
	Nominal Thickness (mm)	0.88 ± 0.1
	Cable Dia. (mm)	7.8 ± 0.3

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	≤ 5.41 Ohms/KM
Dielectric strength	500V AC for 1 min
Insulation resistance	≥ 100MΩ/KM
Tensile Strength	≥ 13.8Mpa (unaged)
Elongation:	≥ 100% (unaged)

Reelex Machine Setting (D750)	
Mandrel Size (inches)	18
Endform Size (inches)	8
Gain	55
Density	Yes
Hole size	85
Marking	WIREPATH™ BULK WIRE BY SNAPAV 122-DB DIRECT BURIAL OXYGEN FREE COPPER 12AWG 2C E325181-HY (UL) CL3 or E325177-HY c(UL) CMG FT4 75C DDMMYY "ROHS" XXX/XXX FT

Color and Packaging		
Insulation	Red and Black	
Jacket	Brightness White: Pantone White	
	Brightness Black: Pantone Black	
Packaging	500ft in Pull Box - Speaker Large	
	Dimensions (in)	15.6" x 15.0" x 10.6"
	Dimensions (mm)	396.2mm x 381.0mm x 269.2mm
	Weight (lbs)	37.4

Values above 250MHz are for information only.