

CONSTRUCTION

Conductor	Size	22AWG X 2CORES
	Conductor Material	SD Solid Annealed Copper
	Conductor construction (mm)	1/0.643 ± 0.01
Insulation	AVG. Thickness (mm)	0.20 ± 0.10
	Min. Thickness at any point (mm)	0.16
	Diameter (mm)	1.15 ± 0.15
	Material	Lead Free PVC
	Color	Core 1= Red ; Core 2= Black
	Ripcord	Nylon (1000 D)
Jacket	Nominal Thickness (mm)	0.40 ± 0.10
	Diameter (mm)	3.20 ± 0.20
	Material	Lead Free PVC
	Color	White

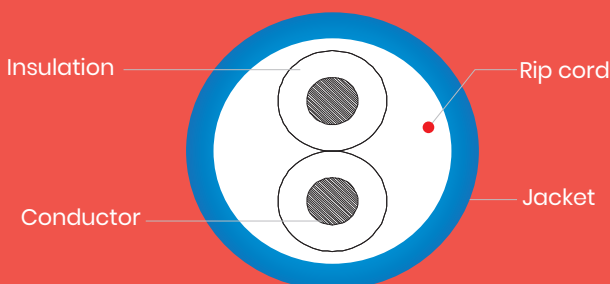
ELECTRICAL & PHYSICAL PROPERTIES:

Item	22AWG X 2CORES		
Rating Temp & Voltage	75°C, 300V		
Conductor Resistance (Ohm/Km/20°C Max)	54.1		
Insulation Resistance	50 Mega Ohm.Km at 20°C (Minimum)		
Dielectric Strength (Under water)	500 V/1 Minute (No Broken)		
Spark Test	2.5 KV for 0.15 seconds (No Broken)		
Insulation	Unaged	Tensile Strength	13.8 Mpa (1.41 kg/mm ²) (Minimum)
		Elongation	100 % (Minimum)
	Aged	Tensile Strength	Unaged Min. 70% (100±1°C x 240 Hrs)
		Elongation	Unaged Min. 65% (100±1°C x 240 Hrs)
Jacket	Unaged	Tensile Strength	13.8 Mpa (1.41 kg/mm ²) (Minimum)
		Elongation	100 % (Minimum)
	Aged	Tensile Strength	Unaged Min. 70% (100±1°C x 240 Hrs)
		Elongation	Unaged Min. 65% (100±1°C x 240 Hrs)
Minimum Bending Radius	20 * Φ (Minimum)		
Bonding force of insulation	0.70 (+0.30, -0.30) (Kgf)		
Cold Bend Test	-20±1°C x 4 Hrs (No Crack)		

Marking:

ELITE 22-2 SOLID ALARM CABLE 22AWG/2C OFC (OXYGEN FREE COPPER) E122980 (UL) CL3 75C XXX/XXX
FT MMDDYY

CONSTRUCTION DRAWING:



REF. STANDARD: UL 1581, UL 13, UL 1493, CSA22.2 No.35



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