

## CONSTRUCTION

Conductor	Size	16AWG X 4CORES
	Conductor Material	AS Annealed Copper Stranded
	Conductor construction (mm)	65/0.157 ± 0.005 (*)
Insulation	AVG. Thickness (mm)	0.41
	Min. Thickness at any point (mm)	0.33
	Diameter (mm)	2.35 ± 0.10
	Material	Lead Free PVC
	Color	Core 1= Red ; Core 2= Black ; Core 3= White ; Core 4= Green
	Binder	Tissue tape
	Ripcord	1000 D
Jacket	Nominal Thickness (mm)	0.61
	Min. Thickness at any point (mm)	0.49
	Diameter (mm)	6.90 ± 0.50
	Material	Lead Free PVC
	Color	BLACK / BLUE / WHITE

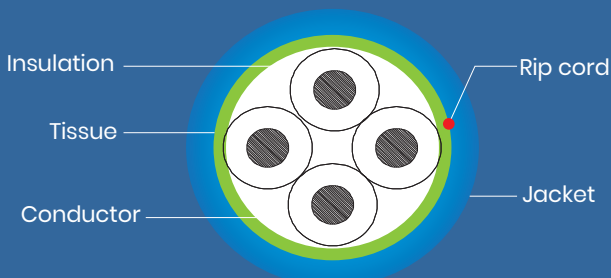
## ELECTRICAL & PHYSICAL PROPERTIES:

Item	16AWG X 4CORES		
Rating Temp & Voltage	75°C, 300V		
Conductor Resistance (Ohm/Km/20°C Max)	13.70		
Insulation Resistance	50 Mega Ohm.Km at 20°C (Minimum)		
Dielectric Strength (In water) AC	500 V/1 Minute (No Broken)		
Spark Test	1.80 KV for 0.15 seconds (No Broken)		
Insulation	Unaged	Tensile Strength	13.8 Mpa (1.41 Kg/mm <sup>2</sup> ) (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 <sup>2</sup> ) (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)
Cold Bend Test	-20±1°C x 4 Hrs (No Crack)		

### Marking:

ULTRA FLEXIBLE ELITE AUDIO CABLE C(UL) CMR FT4 E122980-VN 16AWG/4C OFC (OXYGENFREE COPPER) (UL)  
CL3R 75°C ROHS COMPLIANT --- DIRECT BURIAL UV PROTECTED XXX/XXX FT MMDDYY

## CONSTRUCTION DRAWING:



REF. STANDARD: UL 13, UL 444