



FOR

AUDIO CABLE

SADO164

16AWG X 4CORES (500 feet/Box)

D/O No. A2164PB015

Edition Record:

[illegible]



WONDERFUL (VIETNAM) WIRE & CABLE CO.,LTD.

SPECIFICATION

Style	75 °C, 300 V	Document No.: A2164PB015
Size	SADO164 16AWG X 4CORES	Established Date: 07/04/2020

Ref. Standard UL 13, UL444

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	BLUE

(*) The diameter of some single wires maybe smaller than 0.152 mm but average diameter of total copper wires must be more than 0.152 mm.

Approved by:
Customer

Approved by:
Factory Director

QA Co-signed:

R&D Checked:

Done by: Lâm

R & D

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APPROVED

11-08-2021

11/08/2021



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Electrical & Physical Properties:			
Item			16AWG X 4CORES
Rating Temp & Voltage			75 °C, 300 V
Conductor Resistance (Ohm/Km/20 °C Max)			13.70
Insulation Resistance			50 Mega Ohm.Km at 20 ⁰ C (Minimum)
Dielectric Strength (Under 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 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)
Cold Bend Test			-20±1°C x 4 Hrs (No Crack)

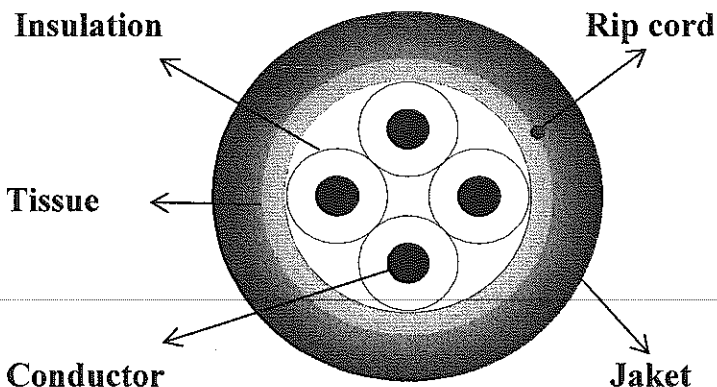
Marking:

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

Note: Marking color: Black

Construction Drawing:

Scale : None



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