

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

SPECIFICATION

| | | |
|-------|---------------------------|-------------------|
| Style | 75 °C, 300 V | Document No.: |
| | | A2162PB005 |
| Size | SADO162 16AWG X 2CORES | Established Date: |
| | | 07/04/2020 |

Ref. Standard UL 13, UL444

Construction:

| | | |
|------------|----------------------------------|-----------------------------|
| Conductor | Size | 16AWG X 2CORES |
| | 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 |
| | Binder | Tissue tape |
| | Ripcord | 1000 D |
| Jacket | Nominal Thickness (mm) | 0.61 |
| | Min. Thickness at any point (mm) | 0.49 |
| | Diameter (mm) | 5.95 ± 0.50 |
| | Material | Lead Free PVC |
| | Color | WHITE |

(*) 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.

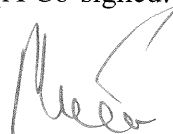
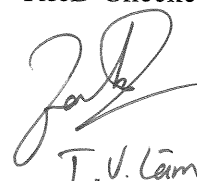
Approved by:
Customer

Approved by:
Factory Director

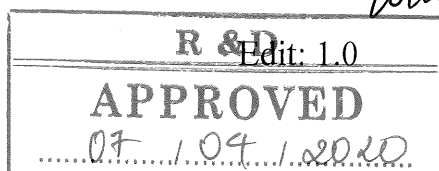
QA Co-signed:

R&D Checked:

Done by: Lâm

T.V. Lâm



Modified Date:

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SPECIFICATION

| Electrical & Physical Properties: | | | |
|---|--------|--------------------------------------|---|
| Item | | 16AWG X 2CORES | |
| Rating Temp & Voltage | | 75 °C, 300 V | |
| Conductor Resistance (Ohm/Km/20 °C Max) | | 13.70 | |
| Insulation Resistance | | 50 Mega Ohm.Km at 20°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) | |

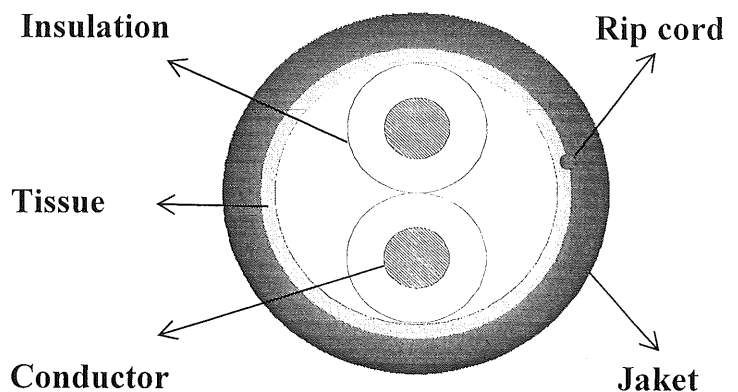
Marking:

ULTRA FLEXIBLE ELITE AUDIO CABLE (UL) CL3R E142890-V 16AWG/2C OFC (OXYGEN FREE COPPER) C(UL) CMR FT4 75°C ROHS COMPLIANT --- DIRECT BURIAL UV PROTECTED XXX/XXX FT MMDDYY

Note: Marking color: Black

Construction Drawing:

Scale : None



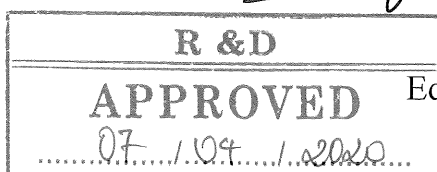
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