

# TECHNICAL SPECIFICATIONS SHEET



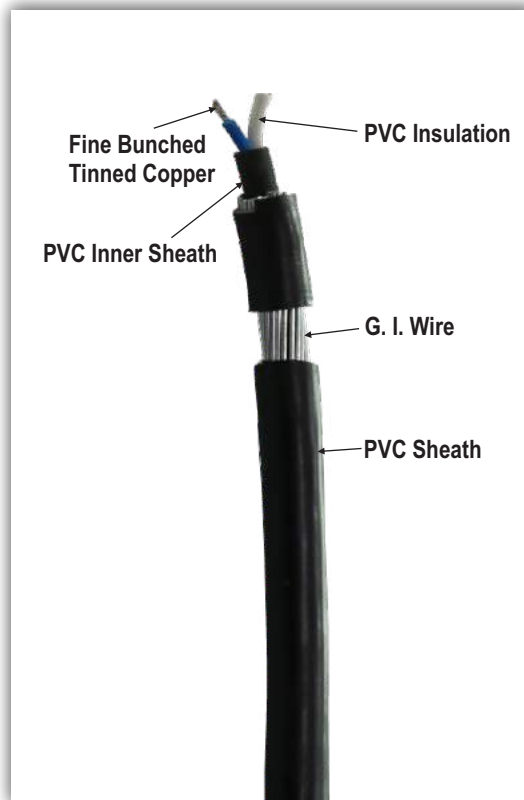
## 2.5 SQMM X 2 CORE ARMoured SPEAKER CABLE

PART NO. - SPK-ARM-2.5-2-ATC

Armoured Speaker Cable – 2.5 Sqmm (80/0.20mm) x 2 core cable ATC copper conductor PVC insulated, core twisted, PVC inner Sheath, G.I. wire (0.90 mm) Armoured outer jacketed with PVC Sheath.

### General Specifications

No of Conductors	2
Conductor - No/ Size of Wire	80/0.20mm
Conductor – Cross Sectional Area	2.5 Sqmm
Insulation Type	PVC
Insulation Dia.	3.60 mm
Core Colours	Blue and White
Inner Sheath Type	PVC
G. I. Wire	0.90 mm
Overall OD	13.5 mm ± 0.20 mm
Packaging	Wooden Drum
Weight per 1000 mtr	400 Kg



### Electrical and Mechanical Characteristics

DC resistance @20 °C - Conductor	8.20 Ω / Km
Current Carrying Capacity	19 Amps
Operating Voltage	600 v
Inductance – (1kHz at 20 °C)	0.7 μH/m
Capacitance – (1kHz at 20 °C)	97pF/m
Insulation resistance	10000 M x m Min. at DC 125V, 20 °C
Operating Temperature	-20° C to 70° C
Dielectric Strength	2 (KV/1 Min.) DC
Dielectric Constant	4.0
Volume Resistivity	1 x 10 <sup>14</sup> Ω / cm at 27° C

### Features

- ◆ 2.5 sqmm x 2 core Armoured Cable is our Installation range of Speaker Cables.
- ◆ These Armoured Installation Speaker Cables are specifically designed to give maximum mechanical Strength to the cable by covering the conductor with G. I. wire.
- ◆ They offer true audiophile performance for accurate sound transmission with crystal clear response, yet posses a rugged design to cater to most demanding applications.

### Advantages

- ◆ Each conductor is dipped in a tinned bath to make the ATC conductors and are bunched tightly to give best performance.
- ◆ Twisted cores help in rejecting crosstalk.
- ◆ Cable Ruggedness & toughness helps the cable to be Laid directly in the ground or wall.

### Colours Available



### Application

- ◆ Installation of Speaker signals in Auditoriums, Schools, Shopping Malls etc.

### Packaging

- ◆ 100 Meters Coil
- ◆ 300 Meters Coil