

# TECHNICAL SPECIFICATIONS SHEET



## 2.5 SQMM X 2 CORE FSC ARMoured SPEAKER CABLE

PART NO. - FSC-ARM-2.5-2-ABC

Kritical Series - Fire Survival Cables are designed, manufactured and tested at Krystals Cables India Pvt Ltd, for Public Address/ General Alarm (PA/GA) System to Significantly improve system integrity and functionality. In Places where in case of fire, people are exposed to serious risk due to emission of smoke, toxic and corrosive gasses, Kritical Series from Krystals is the best choice. Suitable for Emergency exits, Alarm signals, Public announcement for evacuation etc and is also Plenum rated.

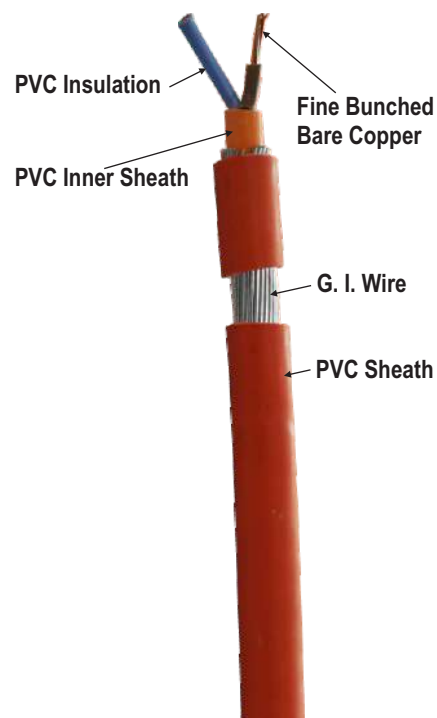
### General Specifications

No of Conductors	2
Conductor - No/ Size of Wire	80/0.20mm
Conductor – Cross Sectional Area	2.5 Sqmm
Insulation Type	LSZH Compound
Insulation Dia.	3.60 mm
Core Colours	Blue and Brown
Inner Sheath Type	LSZH Compound
G. I. Wire	0.90 mm
Sheath Type	LSZH Compound
Overall OD	13.50 mm ± 0.20 mm
Packaging	Wooden Drum

### Electrical and Mechanical Characteristics

DC resistance @20 °C - Conductor	8.2 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	2.5-3@1000Hz
Volume Resistivity	1 x 10 <sup>15</sup> Ω / cm at 27° C

### Colours Available



### Features

- ◆ 1.5 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.

### Application

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

### Packaging

- ◆ 100 Meters Coil
- ◆ 300 Meters Coil