

TECHNICAL SPECIFICATIONS SHEET



18 AWG - 0.75 SQMM X 2 CORE ARMoured MICROPHONE CABLE

PART NO. - MIC-ARM-18-2-ATC

Armoured Microphone Cable 18 AWG – 0.75 Sqmm (24/0.20mm) 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.

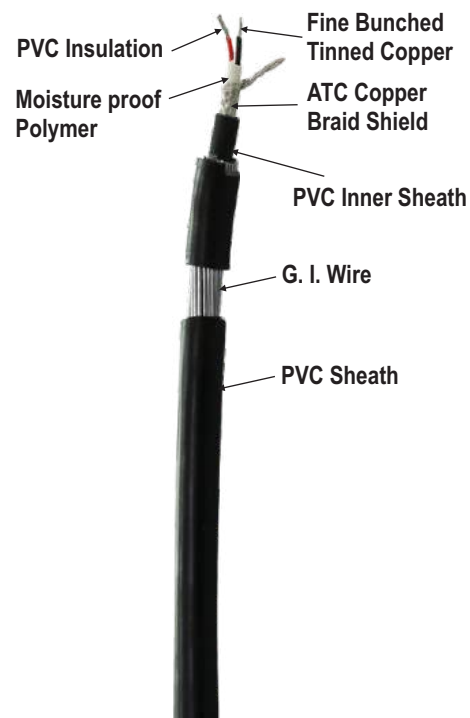
General Specifications

No of Conductors	2
Conductor - No/ Size of Wire	24/0.20mm
Conductor – Cross Sectional Area	0.75 Sqmm
Insulation Type	LDPE
Insulation Dia.	1.90 mm
Core Colours	Red and Black
Inner Sheath Type	PVC
Shield	ATC Copper Braid
G. I. Wire	0.90 mm
Overall OD	12.30 mm ± 0.20 mm
Packaging	Wooden Drum
Weight per 1000 mtr	260 Kg

Electrical and Mechanical Characteristics

DC resistance @20 °C - Conductor	19.90 Ω / Km
Current Carrying Capacity	7 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 ¹⁴ Ω / cm at 27° C

Colours Available



Features

- ◆ 0.75 sqmm x 2 core Armoured Cable is our Installation range of MicrophoneCables.
- ◆ These Armoured Installation Microphone 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 Microphone signals in Auditoriums, Schools, Shopping Malls etc.

Packaging

- ◆ 100 Meters Coil
- ◆ 300 Meters Coil