

# TECHNICAL SPECIFICATIONS SHEET



## 2.5 SQMM X 2 CORE VASIFORM INSTALLATION SPEAKER CABLE

Part No. - SPK-EDGE-2.5-2-ATC

Vasiform Series Installation Speaker Cable – 2.5 Sqmm (80/0.20mm) x 2 core cable ATC copper conductor PVC insulated , core twisted, outer jacketed with Vasiform Type 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
Sheath Type	Vasiform PVC
Overall OD	9.00 mm
Packaging	100 mtr coils (Heat Shrink Transparent Film)
Weight per coil	10.200 Kg.
Master Packing	2 Coils in a Carton box

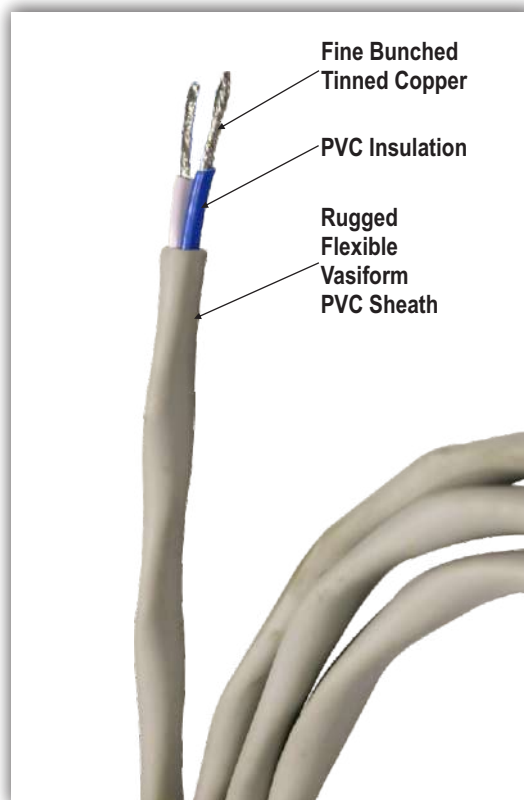
### Electrical and Mechanical Characteristics

DC resistance @20 °C - Conductor	8.21 Ω / Km
Operating Voltage	600 v
Inductance – (1kHz at 20 °C)	0.7 μH/m
Capacitance – (1kHz at 20 °C)	97pF/m
Voltage Breakdown	Must withstand DC 500V / 15 sec
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
Flex Life	4000 cycles
Dielectric Constant	4.0

### Power Loss Chart

Length of Cables (Feet)	4 Ω Speakers	8 Ω Speakers
150 Ft.	25 %	14 %
300 Ft.	40 %	24 %
500 Ft.	56 %	36 %
1000 Ft.	75 %	56 %

### Colours Available



### Features

- ◆ 2.5 sqmm x 2 core Cable is our Installation range of Speaker Cables.
- ◆ These Vasiform Series Installation Speaker Cables are specifically designed to deliver maximum performance without taking much space in conduit.
- ◆ They offer true audiophile performance for accurate sound transmission with crystal clear response, yet possess 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 pulled in long runs of conduits.

### Application

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

### Packaging

- ◆ 100 Meters Coil
- ◆ 300 Meters Coil