

# TECHNICAL SPECIFICATIONS SHEET



## 16 AWG X 4 CORE TOUR RANGE STAGE SPEAKER CABLE

Part No. - SPK-HFS-16-4-ATC

Tour Range Stage Speaker Cable – 16 AWG (50/0.16mm) x 4 core cable ATC copper conductor PVC insulated , core twisted, outer jacketed with Matt Finish high flex special PVC Sheath.

### General Specifications

No of Conductors	4
Conductor - No/ Size of Wire	50/0.16mm
Conductor – Cross Sectional Area	1.0 Sqmm
Insulation Type	PVC
Insulation Dia.	2.65 mm
Core Colours	Yellow, Green, Blue, Red
Sheath Type	Matt Finish High Flex PVC
Overall OD	8.6 mm
Packaging	100 mtr coils (Heat Shrink Transparent Film)
Weight per coil	11.500 Kg.
Master Packing	2 Coils in a Carton box

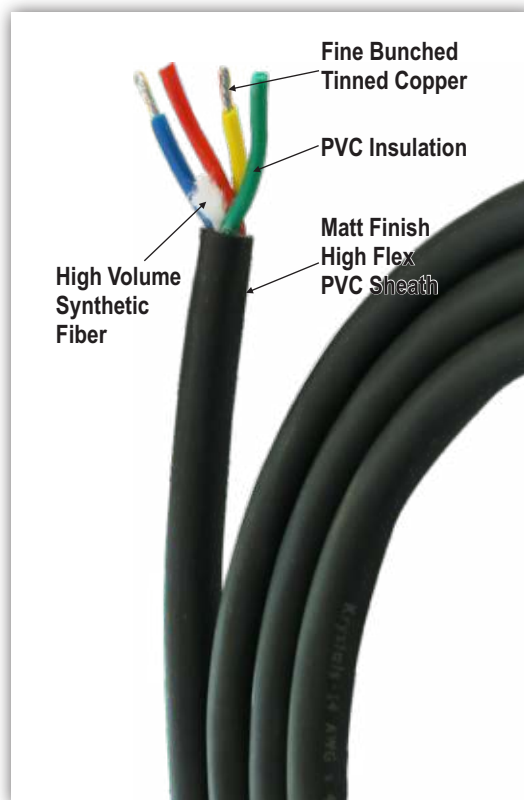
### Electrical and Mechanical Characteristics

DC resistance @20 °C - Conductor	18 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	11500 cycles
Dielectric Constant	4.0

### Power Loss Chart

Cables Selection Chart Length of Cables (Feet)	Speaker Impedance	
	4 Ω Speakers	8 Ω Speakers
50 Ft.	22 %	14 %
100 Ft.	38 %	22 %
150 Ft.	50 %	36 %
300 Ft.	62 %	52 %
500 Ft.	88 %	64 %
1000 Ft.	115 %	82 %

### Colours Available



### Features

- ◆ 16 AWG x 4 core Cable is our High Flex Tour Range of Speaker Cables.
- ◆ These High Flex Tour Range of Speaker Cables are specifically designed to deliver maximum performance for stage applications.
- ◆ They offer true audiophile performance for accurate sound transmission with crystal clear response, Matt Finish PVC ensures that the cables do not reflect light and high flexibility ensures high limpness of cable so that it does not entangle in the artist's feet.

### 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.
- ◆ High Flex life of tour range of speaker cables enables repeated use tour after tour.

### Application

- ◆ Connecting Speakers on critical areas of the stage & Incrowd areas.

### Packaging

- ◆ 100 Meters Coil