

# TECHNICAL SPECIFICATIONS SHEET



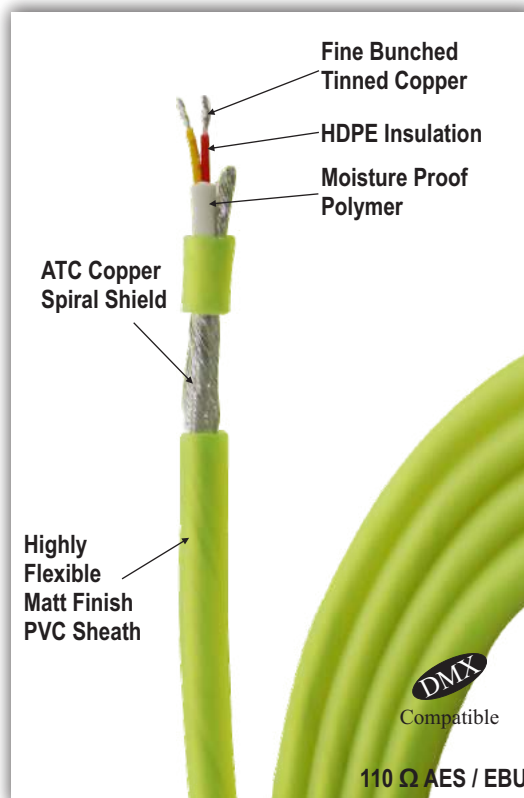
## PRO DIGITAL MICROPHONE CABLE

Part No. - MIC-HFS-PRO-DIG

24 AWG (25/0.10mm) x 2 core ATC copper conductor, PE insulated, core twisted in circular form, covered with special moisture proof polymer, spiral shielded (97%) with ATC copper, outer Jacketed with Matt finish High Flex Special PVC.

### General Specifications

No of Conductors	2
Conductor ( No. / size of wire)	25/0.10 mm
Cross Sectional Area	0.22 sqmm (24 AWG)
Insulation Material	HDPE
Insulation OD	1.10 mm
Insulation Colours	Red / Yellow
Shield Conductor	ATC Copper – (0.10mm )105 wires (approx)
Shield Type	Serve Shield - also called Helical, or spiral
Jacket Material	High Flex Matt Finish PVC
Jacket OD	6.00 mm + - .10mm
Packaging	100 meter cardboard Reel
Gross Weight of Reel	5.350 Kgs
Master Packing	4 Reels in Carton
Master packing weight	22.5 kgs



### Electrical and Mechanical Characteristics

DC resistance @20 °C - Conductor	88.9 Ω / Km
DC Resistance @ 20 °C - Sheild	22.6 /Ω Km
Capacitance – Cond / cond	23 pF/Feet
Capacitance – Cond / Shield	52 pF/Feet
Inductance b/w conductors @1kHz 20°C	0.8 μH/m
Electrostatic Noise	100mV Max
Electromagnetic Noise	0.15mV Max
Microphonics @ 50KΩ Load	30 mV Max
Impedance	110 Ω
Voltage Breakdown	Must withstand DC 30V for 15 seconds
Operating Voltage	300 V
Operating Temperature	-20° C to 70° C
Dielectric Constant 1k hz	2.30
Dissipation Factor	0.0002
Flex Life	15,500 cycles
Tensile Strength	659 N

### Features

- ◆ Pro Digital Microphone Cable is our Best Seller Microphone Cable for Stage and Touring use.
- ◆ A Reasonable Cross Sectional Area of Tinned copper conductor (25 wires of 0.10mm) and dense Spiral (Helical) Shielding with Tinned Wires (105 wires of 0.10mm) gives a complete Shield achieving a coverage of more than 95%.
- ◆ Moisture Proof Polymer bounds the 2 conductors giving a superlative performance of the cable even in extreme usage.
- ◆ Nominal OD of 6.00mm Gives the desired strength and High Limpness and flexibility.

### Advantages

- ◆ Higher sound clarity due to the use of fine stranding and tinned copper conductor.
- ◆ Tinned Copper makes soldering process easy and connection long lasting.
- ◆ Spiral Shield Gives complete shielding thereby eliminating any chances of cable noise.
- ◆ High Limpness helps the cable lay flat on the stage.

### Application

- ◆ Stage application
- ◆ Home recording

### Packaging

- ◆ 100 Meters Cardboard Reel
- ◆ 500 meter wooden Reel

### Colours Available

