

TECHNICAL SPECIFICATIONS SHEET



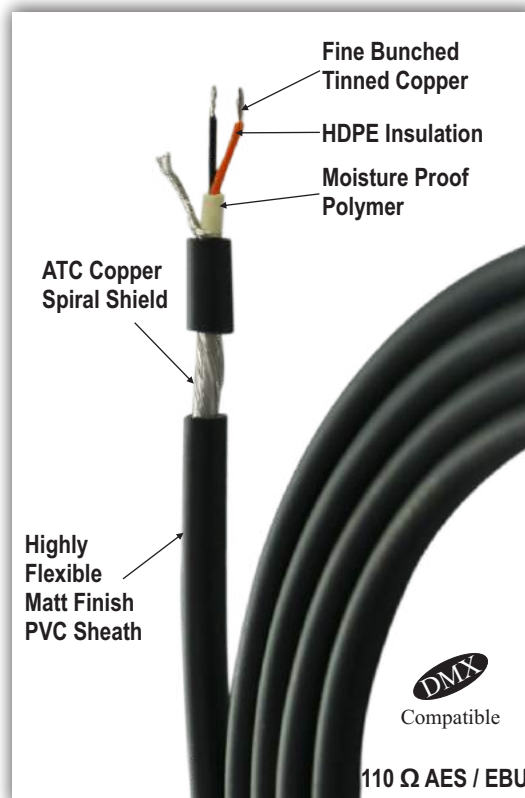
BETA DIGITAL MICROPHONE CABLE

Part No. - MIC-HFS-BTA-DIG

22 AWG (35/0.10mm) 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)	35/0.10 mm
Cross Sectional Area	0.33 sqmm (22 AWG)
Insulation Material	HDPE
Insulation OD	1.20 mm
Insulation Colours	Black / orange
Shield Conductor	ATC Copper – (0.10mm)125 wires (approx)
Shield Type	Serve Shield - also called Helical, or spiral
Jacket Material	High Flex Matt Finish PVC
Jacket OD	6.20 mm + - .10mm
Packaging	100 meter cardboard Reel
Gross Weight of Reel	6 Kgs
Master Packing	4 Reels in Carton
Master packing weight	25 kgs



Electrical and Mechanical Characteristics

DC resistance @20 °C - Conductor	65 Ω / Km
DC Resistance @ 20 °C - Sheild	20 /Ω Km
Capacitance – Cond / cond	20 pF/Feet
Capacitance – Cond / Shield	57 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

- ◆ Beta Digital Microphone Cable is our top of the line Microphone Cable for Stage and Touring use.
- ◆ A higher Cross Sectional Area of Tinned copper conductor (35 wires of 0.10mm) and very dense Spiral (Helical) Shielding with Tinned Wires (125 wires of 0.10mm) gives a complete Shield achieving a coverage of more than 97%.
- ◆ Moisture Proof Polymer bounds the 2 conductors giving a superlative performance of the cable even in extreme usage.
- ◆ Thicker OD of 6.20mm 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

