

TECHNICAL SPECIFICATIONS SHEET



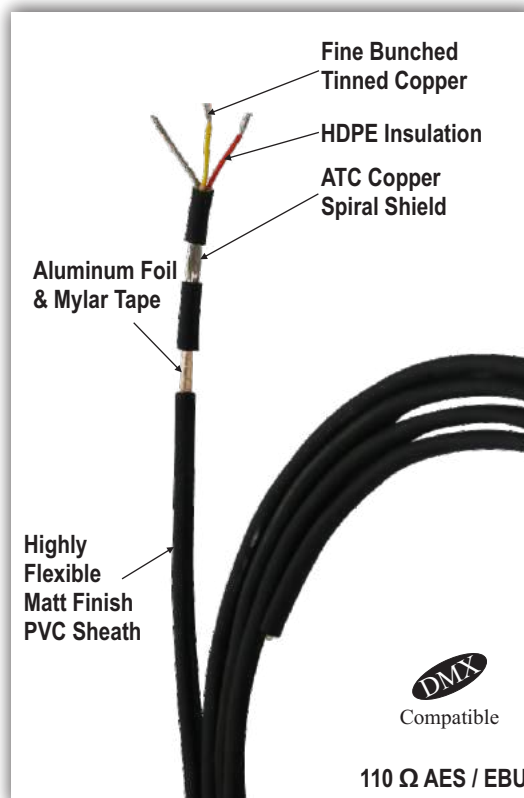
SLIM DIGITAL MICROPHONE CABLE

Part No. - MIC-HFS-SLM-DIG

24 AWG (25/0.10mm) x 2 core ATC copper conductor, PE insulated, core twisted in circular form, polyester mylar taped, aluminum foil + 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) 65 wires (approx)
Shield Type	Serve Shield + Aluminum Foil + Mylar Tape
Jacket Material	High Flex Matt Finish PVC
Jacket OD	4.00 mm + - .10mm
Packaging	100 meter Coil
Gross Weight of Coil	2.250 Kgs
Master Packing	8 Coil in Carton
Master packing weight	18.5 kgs



Electrical and Mechanical Characteristics

DC resistance @20 °C - Conductor	88.9 Ω / Km
DC Resistance @ 20 °C - Sheild	35 /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

- ◆ Slim Digital Microphone Cable is our Best Seller Microphone Cable for Rack wiring & interconnect purpose.
- ◆ A Reasonable Cross Sectional Area of Tinned copper conductor (25 wires of 0.10mm) and dense Spiral (Helical) Shielding with Tinned Wires (65 wires of 0.10mm) gives a complete Shield achieving a coverage of more than 95% + aluminum foil gives more than 100% shield.
- ◆ Nominal OD of 4.00mm Gives reduce overall diameter for varied users.

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.
- ◆ Reduce size of the diameter is the biggest advantage.

Application

- ◆ Rack Wiring
- ◆ Dual Interconnects

Packaging

- ◆ 100 Meters Coil

Colours Available

