

# TECHNICAL SPECIFICATIONS SHEET



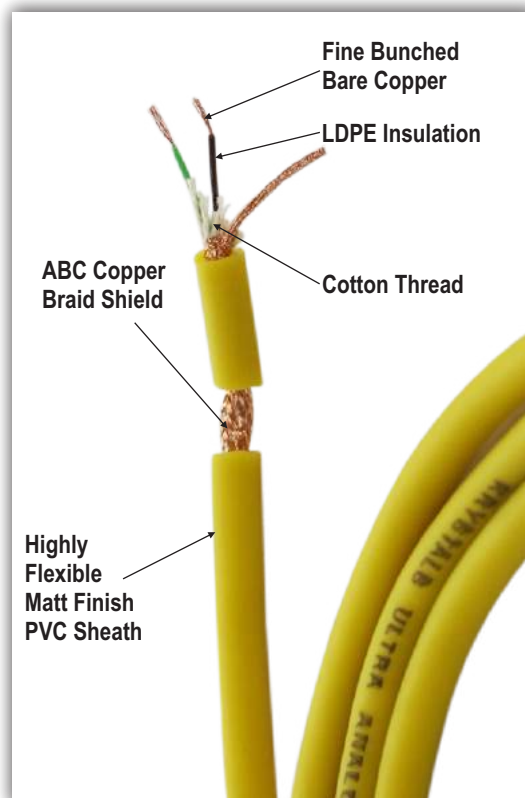
## ULTRA ANALOG MICROPHONE CABLE

Part No. - MIC-HFS-ULT-ANA

26 AWG (19/0.10mm) x 2 core ABC copper conductor, PE insulated, core twisted in circular form, filled with high volume synthetic fiber, braid shielded (80%) with ABC copper, outer Jacketed with Matt finish High Flex Special PVC.

### General Specifications

No of Conductors	2
Conductor ( No. / size of wire)	19/0.10 mm
Cross Sectional Area	0.15 sqmm (26 AWG)
Insulation Material	LDPE
Insulation OD	1.00 mm
Insulation Colours	Green / Brown
Shield Conductor	ABC Copper – (0.09mm ) 96 wires
Shield Type	Braid Shield - 16 x 6 x 0.09
Jacket Material	High Flex Matt Finish PVC
Jacket OD	6.00 mm + - .10mm
Packaging	90 meter Coil
Gross Weight of Coil	4 Kgs
Master Packing	5 Coils in Carton
Master packing weight	21 Kgs



### Electrical and Mechanical Characteristics

DC resistance @20 °C - Conductor	80 Ω / Km
DC Resistance @ 20 °C - Sheild	30 /Ω Km
Capacitance – Cond / cond	22 pF/Feet
Capacitance – Cond / Shield	55 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
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	12,500 cycles
Tensile Strength	659 N

### Features

- ◆ Ultra Analog Microphone Cable is our economy range of Microphone Cable for Stage and Touring use.
- ◆ A reduce Cross Sectional Area of Annealed Bare Copper conductor (19 wires of 0.10mm - 0.15sq mm) and Braid Shielding with Bare Copper Wires (96 wires of 0.09mm) gives a comprehensive Shield achieving a coverage of around 80%.
- ◆ Cotton thread acts as a filler to give a round shape to the cable

### Advantages

- ◆ Reasonably clear sound due to the use of fine stranding and ABC copper conductor.
- ◆ 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

- ◆ 90 Meters Coil

### Colours Available

