

## OFC AES/EBU Digital Microphone Cable

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### Application

MLX2 is a professional grade oxygen free Digital microphone cable. It has a "LAP"(spiral) screen and an enlarged sheath which is made of a very soft and flexible compound mix with matt finish. The cable also has a kevlar strength member adding to the cables durability.

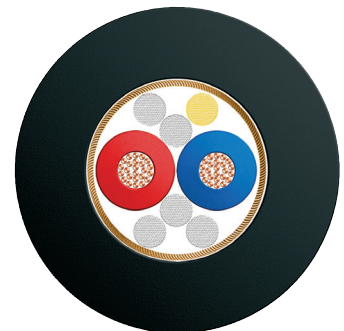
The usage of cables on stages often requires contradictory specifications to the lines used. Flexibility and at the same time robustness in relation to extremely high mechanical stress are needed.

The most frequent applications for this symmetrical cable are mobile wiring of digital equipment and patch boards for professional audio engineering.

The characteristic impedance of 110 ohm makes it suitable for digital symmetrical sound transmission according to the AES3 standard as well as the transmission of DMX signals.

### Cable Design

Conductor .....	Oxygen Free Stranded Copper (28 x 0,10mm) 0,22m2
Insulation .....	TPM Ø 1,50 mm
Pair.....	1 pair (Red / Blue)
Strain relief.....	Kevlar strength member with cotton fillers
Shield .....	Bare copper spiral screen (nom. coverage 100 %)
Outer Jacket.....	TPM Ø 6,35 mm
Colour .....	Black



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### Electrical Characteristics





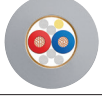



Characteristic Impedance	nom.	110	Ohm
Capacitance (core/core)	nom.	90	pF/m
Capacitance (core/screen)	nom.	180	pF/m
Attenuation (1 MHz)	nom.	2,4	dB/100m
Velocity Ratio	nom.	0,76	
Resistance (core)	max.	85	Ohm/km
Resistance (screen)	max.	35	Ohm/km
Insulation Resistance	min.	> 100	Mohm x km

### Thermal & Mechanical Characteristics

Operating Temperature	-30 to +70	°C
Flame Retardant	IEC 60332-1	
Bending Radius (+20 °C)	40	mm (min.)
Bending Radius (-25 °C)	70	mm (min.)
Total Weight	4,6	kg/100m

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### Specification

Part Number	Part Number	Overall Diameter mm	Weight kg/100m	Colour
	MLX2-01	6,35	4,6	Black
	MLX2-02	6,35	4,6	Blue
	MLX2-03	6,35	4,6	Green
	MLX2-04	6,35	4,6	Red
	MLX2-05	6,35	4,6	Grey
	MLX2-06	6,35	4,6	Yellow
	MLX2-08	6,35	4,6	Orange
	MLX2-09	6,35	4,6	Violet



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