



## MICROPHONE CABLES BALANCED

**VB 236 HERO LSZH**

✓STUDIO ✓INSTALLATION



### APPLICATION

Balanced microphone cables especially designed for stage and mobile applications. Mutual capacitance is lower than typical microphone cable to reduce the high frequency roll-off that occurs in long runs of mic level signals. Ideal for sound reinforcement and remote production in hostile environments. Ivox Audio cables are used in professional systems for the transmission of analogue audio signals. These types of audio cables have low smoke density, halogen free and they don't emit poisonous gases.

### CONSTRUCTION DATA

Core Numbers x Section	2 x 0,34 mm <sup>2</sup> (AWG 22)
Stranded Copper Conductor	42 x 0,10 mm ø Stranded bare copper
Conductor Insulation	1,60 ± 0,05 mm ø XLPE (Cross-Linked Polyethylene)
Conductor Color Code	Blue / Red
Filling Material	Cotton Cord
Shielding	Copper spiral shielding
Shielding Factor	98%
Outer Sheath	HFFR Compound
Outer Diameter	6 mm ø
Weight	5,3 kg/100 m

### ELECTRICAL DATA

Conductor Resistance	< 53 Ω / km
Shield Resistance	< 39 Ω /km
Insulation Resistance	> 2000 MΩ x km
Velocity of Propagation	66%
Capacitance	core/core 60 pF / m
	core/screen 120 pF / m
Nominal Impedance 1 KHz	600 Ω /100 m
Test voltage	core/core 0.5 kVeff
	core/screen 1.0 kVeff

### MECHANICAL DATA

Minimum bending radius	10 x D ( D= outer diameter )
Temperature range	
Fixed installation	-30° C to + 70° C

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