



## MICROPHONE CABLES BALANCED



### VB 226 ULTIMATE PLUS LSZH

✓STUDIO ✓INSTALLATION

#### APPLICATION

Balanced microphone cables are designed with a smaller diameter and high shielding factor. Broadcasting systems for transmitting the analog sound signals of high quality that can get past even the best shields and critical is an environment of high RF and EMI. Ivox audio cable products have low smoke density, halogen free and they don't emit poisonous gases.

#### CONSTRUCTION DATA

Core Numbers x Section	2 x 0,22 mm <sup>2</sup> (AWG 24)
Stranded Copper Conductor	28 x 0,10 mm Ø Stranded bare copper
Conductor Insulation	1,40 mm Ø XLPE (Cross-Linked Polyethylene)
Conductor Color Code	Blue / Red
Filling Material	Cotton Cord
Separation	PVC tube, Ø 3.1 mm
Shielding 1st	Copper spiral shielding
Shielding 2nd	Copper spiral shielding
Shielding Factor	100%
Outer Sheath	HFFR Compound
Outer Diameter	6 mm Ø
Weight	5,5 kg/100 m

#### ELECTRICAL DATA

Conductor Resistance	< 86 Ω / km
Shield Resistance	< 26 Ω / km
Insulation Resistance	> 2000 MΩ x km
Velocity of Propagation	80%
Capacitance	core/core 60 pF / m
	core/screen 110 pF / 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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