



MICROPHONE CABLES BALANCED



VB 236 HERO

✓ MOBILE ✓ STUDIO ✓ INSTALLATION ✓ STAGE

sPVC OFC ANALOG

APPLICATION

Balanced microphone cables especially designed for stage and mobile applications. Flexible structure with a low bending radius due to improved outer sheath material (sPVC). Ivox Audio cables are used in professional systems for the transmission of analogue audio signals. High transmission quality through the use of oxygen-free copper stranding with a large wire gauge of $2 \times 0,34 \text{ mm}^2$ XLPE (Cross Linked Polyethylene) insulation provides superb electrical characteristics and will not melt or shrink back during soldering.

CONSTRUCTION DATA

Core Numbers x Section	2 x 0,34 mm ² (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	S-PVC Matt
Outer Diameter	6,4mm 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	6 x D (D= outer diameter)
Temperature range	
Mobile installation	-5° C to + 70° C
Fixed installation	-30° C to + 70° C

