

MICROPHONE CABLES BALANCED



VB 226 ULTIMATE

✓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 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 0,22 mm ² (AWG 24)
Stranded Copper Conductor	28 x 0,10 mm ø Stranded bare copper
Conductor Insulation	1,40 ± 0,05 mm ø XLPE (Cross-Linked Polyethylene)
Conductor Color Code	Blue / Red
Filling Material	Cotton Cord
Shielding	Copper spiral shielding
Shielding Factor	100%
Outer Sheath	sPVC Matt
Outer Diameter	6,5 mm ø
Weight	4,6 kg/100 m

ELECTRICAL DATA

Conductor Resistance	< 86 Ω / km
Shield Resistance	< 39 Ω / km
Insulation Resistance	> 2000 MΩ x km
Velocity of Propagation	66%
Capacitance	core/core 68pF / m
	core/screen 130 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	8 x D (D= outer diameter)
Temperature range	
Mobile installation	- 5° C to + 70° C
Fixed installation	-30° C to +70° C

 BLACK	 GREEN
 BLUE	 YELLOW
 RED	

