



MICROPHONE CABLES BALANCED

VB 256 TRON LSZH

✓STUDIO ✓INSTALLATION

ISO9001 CERTIFIED ROHS COMPLIANT REACH CE

HFFR OFC ANALOG

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. High transmission quality through the use of oxygen-free copper stranding with a large wire gauge of $2 \times 0,50 \text{ mm}^2$. These types of audio cables have low smoke density, halogen free and they don't emit poisonous gases.

CONSTRUCTION DATA

Core Numbers x Section	$2 \times 0,50 \text{ mm}^2$ (AWG 20)
Stranded Copper Conductor	$28 \times 0,15 \text{ mm}$ \varnothing Stranded bare copper
Conductor Insulation	$1,60 \pm 0,05 \text{ mm}$ \varnothing 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	$6,4 \text{ mm}$ \varnothing
Weight	$5,3 \text{ kg}/100 \text{ m}$

ELECTRICAL DATA

Conductor Resistance	$< 37 \Omega / \text{km}$
Shield Resistance	$< 21 \Omega / \text{km}$
Insulation Resistance	$> 2000 \text{ M}\Omega \times \text{km}$
Capacitance	core/core $80 \text{ pF} / \text{m}$
	core/screen $145 \text{ pF} / \text{m}$
Nominal Impedance	1 KHz $600 \Omega / 100 \text{ m}$
Test voltage	core/core 0.5 kVeff
	core/screen 1.0 kVeff

MECHANICAL DATA

Minimum bending radius	$10 \times D$ (D= outer diameter)
Temperature range	
Fixed installation	-30° C to $+70^\circ \text{ C}$

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