



MICROPHONE CABLES BALANCED

VB 256 TRON

✓ 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 x 0,50 mm² 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 0,50mm ² (AWG 20) |
| Stranded Copper Conductor | 28 x 0,15 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 | sPVC Matt |
| Outer Diameter | 6,4mm ø |
| Weight | 5,3 kg / 100 m |

ELECTRICAL DATA

| | |
|-----------------------|------------------------|
| Conductor Resistance | < 37 Ω / km |
| Shield Resistance | < 21 Ω / km |
| Insulation Resistance | > 2000 MΩ x km |
| Capacitance | core/core 80 pF / m |
| | core/screen 145 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 |

