

## **Belden 8402 - Audiophile Balanced Microphone Cable**

The legendary Belden 8402 microphone cable. A recording studio classic.

Famous for its vivid musical tone, warm and smooth sonic beauty, natural and live-like sound.

An ultimate.

**This is the Audio Engineer's Reference Cable.**

**Made to last a lifetime with no signal degradation. No hype, no snake oil, just the utmost in precision and quality.**

The pictures are only samples. Please place your order for actual length.

### **FEATURES AND FURTHER TECHNICAL DETAILS**

Below you can find information about the components used in the construction of this product.

- **General Description:** 20 AWG stranded (26x34) high-conductivity TC conductors, EPDM rubber insulation, rayon braid, TC braid shield (85% coverage), cotton wrap, CSPE - Chlorosulphonated Polyethylene jacket.
- **Conductor AWG:** Number of Conductors: 2, AWG: 20, Stranding: 26x34, Conductor Material: High Conductivity TC - Tinned Copper, Nominal Diameter: 0.083 in. / 2.1082 mm.
- **Insulation Material:** Insulation Material: EPDM - Ethylene Propylene Diene Monomer Rubber, Nominal Diameter: 0.083 in. / 2.1082mm.
- **Inner Shield:** Inner Shield Separator Material: Cotton Wrap.
- **Outer Shield:** Layer 1 Outer Shield Type: Braid, Layer 1 Outer Shield Material: Rayon, Layer 2 Outer Shield Type: Braid, Layer 2 Outer Shield Material: TC - Tinned Copper, Layer 2 Outer Shield Coverage: 85% , Outer Shield Separator Material: Cotton Wrap.
- **Outer Jacket:** Outer Jacket Material: CSPE - Chlorosulphonated Polyethylene
- **Overall Cable Color Code Chart:** Number 1 White, Number 2 Black
- **Overall Nominal Diameter:** Overall Nominal Diameter: 0.263 in. / 6.680 mm.
- **Mechanical Characteristics (Overall):** Operating Temperature Range:-20°C To +60°C, Non-UL Temperature Rating: 60°C, Bulk Cable Weight: 74.410 Kg/Km., Max. Recommended Pulling Tension: 435.924 N, Min. Bend Radius/Minor Axis: 66.802 mm

- **Applicable Standards & Environmental Programs:** EU Directive 2011/65/EU (ROHS II): Yes, EU CE Mark: Yes, EU Directive 2000/53/EC (ELV): Yes, EU Directive 2002/95/EC (RoHS): Yes, EU RoHS Compliance Date (mm/dd/yyyy): 01/01/2004, EU Directive 2002/96/EC (WEEE): Yes, EU Directive 2003/11/EC (BFR): Yes, CA Prop 65 (CJ for Wire & Cable): Yes, MII Order #39 (China RoHS): Yes.
- **Flame Test:** UL Flame Test: VW-1
- **Plenum/Non-Plenum: Plenum (Y/N):** No
- **Electrical Characteristics (Overall):** Impedance: 52 Ohm, Inductance 0.18  $\mu$ H/ft or 0.59058  $\mu$ H/m, Nom. Capacitance Conductor to Conductor: 30 pF/ft or 98.43 pF/m, Nom. Capacitance Cond. to Other Conductor & Shield: 55 pF/ft or 180.455 pF/m, Nom. Conductor DC Resistance (DCR @ 20°C): 10.2 Ohm/1000ft or 33.4662 Ohm/km, Max. Operating Voltage -Non-UL: 600 V RMS, Max. Recommended Current: 4 Amps per conductor @ 25°C