

MVP-MVP DATASHEET

Laird's RG8X-B-B coaxial cable assemblies combine the high-performance Belden 9258 RG-8X cable with Amphenol RF 112533 50 Ohm BNC connectors on both ends, creating a robust cable construction that ensures reliable signal transmission in wireless communication systems. The RG8X-B-B series is suitable for both indoor and outdoor use in point-to-point and point-to-multipoint wireless antenna communications, as well as applications such as wireless microphones, Two-Way Radios, Amateur (Ham) Radio, Low-Power FM, GPS, and RFID (Radio Frequency Identification).

Features:

- High-quality Mid-Size Canare MVP-C4 connector
- Super flexible, low-loss Canare L-4CFB cable for superior signal quality
- 75 Ohm rating ensures optimal performance
- Equipped with rubber boots for enhanced strain relief and extended lifespan



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Specifications:

Canare L-4CFB:

- **Inner Conductor AWG:** 20
- **Inner Conductor Material:** Annealed Copper
- **Inner Conductor Outer Diameter:** 0.80mm
- **Insulation Material:** Foamed Polyethylene
- **Insulation Thickness:** 1.45mm
- **Insulation Outer Diameter:** 3.70mm
- **Outer Conductor 1 Material:** Aluminum Laminated Tape
- **Outer Conductor 1 Thickness:** 0.05mm
- **Outer Conductor 1 Outer Diameter:** 3.8mm
- **Outer Conductor 2 Material/Coverage:** Tinned Annealed Copper/≥93%
- **Outer Conductor pitch:** ≤36mm
- **Outer Conductor 2 Outer Diameter:** 4.4mm
- **Sheath Material:** PVC
- **Sheath Thickness:** 0.9mm
- **Outer Diameter:** 6.1mm
- **Rated Voltage:** AC 60Vrms
- **Inner Conductor D.C Resistance:** ≤ 35.7Ω/km
- **Outer Conductor D.C Resistance:** ≤ 10.7Ω/km
- **Insulation Resistance:** ≥ 1000MΩ • km
- **Characteristic Impedance:** 75±3Ω (10MHz)
- **Tensile Strength:** ≥ 10.0 Mpa
- **Elongation:** ≥ 200 %
- **Min Bend Radius:**
 - **Static:** 36.6mm (1.44in)
 - **Flexing:** 91.5mm (3.60in)

Canare MVP-C4:

- **Nom Impedance:** 75 Ω unbalanced
- **Insulation Resistance:** 2000MΩ or more
- **Contact resistance between external contacts:** 10mΩ or less
- **Contact resistance between center contacts:** 10mΩ or less
- **Return Loss:**
 - 26dB or more (0 ~1.5GHz)
 - 20dB or more (0 ~2.4GHz)