

# **BERG-120**

## **Flame Yellow BNC to MD, RG-174 6'ft (Feet) Ultrasonic Cables**



**The BERG-120 is a 6-foot ultrasonic test cable featuring a BNC straight connector on one end and a Microdot (MD) straight connector on the other. It is designed for use in ultrasonic flaw detection, thickness gauging, and calibration. Built with RG-174 coaxial cable, the BERG-120 provides a lightweight, flexible solution for precise signal transmission. Its flame yellow jacket enhances safety and visibility in active inspection environments.**

## **Specifications**

- **Part Number: BERG-120**
- **Cable Type: RG-174 Coaxial Ultrasonic Cable**
- **Length: 6 feet (1.83 meters)**
- **Color: Flame Yellow**
- **Connector A: BNC Straight Plug**
- **Connector B: Microdot (MD) Straight Plug**

# Features

- **6 ft cable length ideal for short-range ultrasonic testing and inspection setups**
- **BNC to Microdot (MD) straight connectors offer secure and widely compatible signal connections**
- **Flame yellow jacket enhances cable visibility and safety in lab and field environments**
- **RG-174 coaxial construction provides flexibility and durability for repeated use**
- **50  $\Omega$  impedance with shielding ensures clean, low-loss signal transmission and reduced EMI**

# Applications

- **Flaw detection:** Connects flaw detectors to MD-equipped transducers for identifying internal defects in materials like welds, metals, and composites.
- **Thickness measurement:** Used in gauging wall thickness of pipes, tanks, and structural components during maintenance and inspection.
- **Calibration and setup:** Interfaces with calibration blocks and reference standards to verify ultrasonic instrument performance.
- **Benchtop testing:** Ideal for controlled testing environments where short, flexible cables reduce clutter and improve handling.
- **General NDT use:** Suitable across industries such as aerospace, energy, automotive, and manufacturing for routine ultrasonic inspections.

