

BERG-122

Flame Yellow BNC to Right Angle MD, RG-174 25'ft (Feet) Ultrasonic Cable



The BERG-122 is a 25-foot ultrasonic test cable designed for reliable signal transmission between flaw detectors and ultrasonic transducers. It features a BNC straight connector and a right-angle Microdot (MD) connector, providing an ideal solution for tight probe placements and mid-range inspection distances. The RG-174 coaxial cable offers flexibility and durability, while the flame yellow jacket ensures high visibility for safe use in both laboratory and field environments.

Specifications

- **Part Number: BERG-122**
- **Cable Type: RG-174 Coaxial Ultrasonic Cable**
- **Length: 25 feet (7.62 meters)**
- **Color: Flame Yellow**
- **Connector A: BNC Straight Plug**
- **Connector B: Microdot (MD) Right-Angle Plug**

Features

- **25 ft cable length** provides flexible reach for mid-range ultrasonic inspections.
- **BNC to right-angle Microdot connectors** support secure, low-profile probe connections in tight spaces.
- **Flame yellow jacket** improves visibility and reduces cable-related hazards in active work areas.
- **Flexible RG-174 coaxial construction** ensures durability while maintaining clean signal transmission.
- **50 Ω impedance with dual shielding** minimizes signal loss and interference during testing.

Applications

- **Flaw detection:** Used in ultrasonic testing to locate internal defects such as cracks, voids, and inclusions in metals, welds, and composites.
- **Thickness measurement:** Enables wall thickness gauging in pipes, tanks, and structural components during maintenance or inspection.
- **Calibration and setup:** Connects UT instruments to calibration blocks or standards for verifying velocity and system performance.
- **General NDT use:** Applied in aerospace, automotive, and manufacturing environments for routine inspections and quality control.
- **Portable testing systems:** Ideal for handheld UT equipment, with a right-angle MD connector that helps in tight or angle-restricted probe setups.

