

BERG-123

BNC to Lemo 1 HD



The BERG-123 is a high-quality ultrasonic cable designed to connect instruments featuring BNC outputs to transducers or equipment using LEMO 1 HD connectors. This cable offers reliable signal transmission with low attenuation and excellent shielding to ensure minimal interference in ultrasonic testing applications.

The flame yellow jacket enhances visibility and safety during field and laboratory operations.

Specifications

Part Number: BERG-123

Cable Type: Coaxial Ultrasonic Cable, BNC to LEMO 1 HD Straight

Length: 8 feet

Color: Flame Yellow

Connector A: BNC Straight Plug

Connector B: LEMO 1 HD Straight Plug

Features

- **High-performance coaxial cable with 50 Ω impedance for optimal ultrasonic signal transmission**
- **BNC straight connector on one end, LEMO 1 HD straight connector on the other for broad compatibility**
- **Flame yellow jacket for easy identification and improved workplace safety**
- **Double shielding (braided copper and foil) minimizes electromagnetic interference (EMI)**
- **Durable, flexible construction designed to withstand field and lab conditions**
- **Suitable for use with a variety of ultrasonic flaw detectors and pulser-receivers**

Applications

- **Ultrasonic Flaw Detection:** Connects BNC-output flaw detectors to LEMO 1 HD transducers for precise defect identification in metals, composites, and welds.
- **Thickness Gauging:** Enables accurate thickness measurements for corrosion monitoring and maintenance of pipelines, tanks, and structural components.
- **Calibration & Instrument Setup:** Facilitates connection to calibration blocks for velocity verification, delay adjustment, and instrument performance checks.
- **Portable and Bench-Top NDT Systems:** Compatible with handheld and benchtop ultrasonic equipment for reliable signal transmission in field and lab inspections.
- **Industry-Specific Inspections:** Used across aerospace, automotive, energy, and manufacturing sectors for critical component testing and quality assurance.

