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BERG-105
Flame Yellow LEMO 00 Straight to MD Right Angle, 6 Foot Length

The BERG-105 is a 6-foot ultrasonic cable with a LEMO 00 straight connector on one end and a Microdot (MD) right-angle connector on the other. Its flame yellow jacket improves visibility and safety. Built for durability and signal reliability, it's ideal for ultrasonic testing, thickness measurements, and calibration in both lab and field environments.

Specifications

- **Part Number: BERG-105**
- **Cable Type: Coaxial ultrasonic cable, LEMO00 straight to Microdot (MD) right-angle connectors**
- **Length: 6ft (1.83 m)**
- **Color: Flame Yellow**
- **Connector A: LEMO00 Straight Plug**
- **Connector B: MD Right-Angle Plug**

Features

- High-visibility flame-yellow jacket improves safety and cable identification.
- Faraday-shielded coax cable ensures low signal loss and minimal EMI interference.
- Right-angle MD connector offers better stress relief and fit in tight probe assemblies.
- Rugged, flexible design withstands repeated handling, bending, and coiling.
- Compatible with major ultrasonic test equipment.

Applications

- Ultrasonic Flaw Detection: Used to connect transducers to flaw detectors for locating internal defects such as cracks, inclusions, and delaminations in metals, welds, and composites.
- Thickness Gauging in Tight Spaces: The right-angle MD connector makes it ideal for applications where space is limited or where straight connectors may interfere with equipment positioning.
- Calibration of UT Instruments: Used in test setups involving calibration blocks for velocity checks, delay measurements, and performance verification.
- Aerospace Component Testing: Suitable for inspecting aircraft structures, engine parts, and bonded materials where precise probe placement is critical.
- Manufacturing and QA Environments: Supports production-line inspection tasks to verify material quality and ensure defect-free components.
- Educational & Training Use: Ideal for ultrasonic training labs where students need reliable, compact cables for hands-on learning.