

ORNG-113-2.33

Berg Orange Quality Lemo 00 Straight to BNC 2.33



The ORNG-113-2.33 is a 2.33-foot ultrasonic flaw cable constructed with RG174 coaxial cable, featuring a LEMO 00 straight plug and a BNC male connector. Designed for ultrasonic testing applications, this cable provides reliable signal transmission with flexible handling and enhanced visibility thanks to its bright orange jacket. Ideal for both lab and field use where compact cable length is necessary.

Specifications

- **Part Number: ORNG-113-4**
- **Cable Type: RG174 Coaxial Ultrasonic Flaw Cable**
- **Length: 4 feet (1.22 meters)**
- **Color: Orange**
- **Connector A: LEMO 00 Straight Plug**
- **Connector B: BNC Male Plug**

Features

- **LEMO 00 to BNC connectors** ensure a secure and reliable connection, enabling consistent signal transmission between ultrasonic probes and flaw detection instruments.
- **Compact 2.33-foot length** minimizes cable clutter, making it well-suited for benchtop testing and portable inspection equipment.
- **RG174 coaxial cable construction** maintains consistent 50-ohm impedance while providing the flexibility needed for easy routing and handling in confined spaces.
- **High-visibility bright orange jacket** enhances cable identification and safety in busy lab or field environments.
- **Durable build with braided shielding** reduces electromagnetic interference (EMI), preserving signal integrity for accurate ultrasonic measurements.
- **Lightweight and flexible design** supports frequent bending and repositioning without compromising cable lifespan or performance.

Applications

- **Flaw Detection:** Connects ultrasonic probes to flaw detectors for reliable identification of cracks, voids, and internal defects in metals, plastics, and composite materials.
- **Thickness Measurement:** Enables precise ultrasonic thickness gauging used in corrosion monitoring and wear assessment across pipelines, tanks, and structural components.
- **Calibration:** Employed during ultrasonic equipment calibration with reference standards to maintain consistent and accurate inspection performance.
- **Aerospace Inspection:** Supports non-destructive testing of essential aircraft components, including fuselage and engine parts, where dependable signal integrity is critical.
- **Laboratory and Research:** Ideal for controlled testing environments requiring short cable lengths for easy setup and consistent signal quality.
- **Field Service and Maintenance:** Suitable for portable ultrasonic instruments used during on-site inspections, preventive maintenance, and troubleshooting in industrial applications.

