

ORNG-RA 114-3

Berg Orange Quality, Lemo 00 Right Angle to BNC RG 174, 3' ft Cable



The ORNG-RA114-3 is a short-length ultrasonic cable designed for high-performance signal transfer in flaw detection and thickness measurement applications. This 3-foot cable features a LEMO 00 right angle plug to conserve space in tight setups and a BNC straight plug for easy integration with most ultrasonic testing equipment. Built with RG-174 coaxial cable and a bright orange outer jacket, it delivers low-loss performance and visibility in industrial environments.

Specifications

- **Part Number: ORNG-RA 114-3**
- **Cable Type: RG-174 Coaxial Ultrasonic Cable**
- **Length: 3 feet (0.91 meters)**
- **Color: Orange**
- **Connector A: LEMO 00 Right Angle Plug**
- **Connector B: BNC Straight Plug**

Features

- **LEMO 00 right angle connector allows for secure connections in tight or space-constrained testing environments**
- **BNC straight connector provides compatibility with a wide range of ultrasonic flaw detectors and gauges**
- **3-foot length is optimized for benchtop setups, minimizing excess cable while maintaining flexibility**
- **RG-174 coaxial cable construction ensures low signal loss and reliable electrical performance in ultrasonic applications**
- **50-ohm impedance delivers consistent signal quality and compatibility with industry-standard NDT equipment**
- **Durable orange jacket improves cable visibility and wear resistance in industrial settings**

Applications

- **Flaw detection:** Used to connect LEMO-equipped ultrasonic probes to flaw detectors for identifying internal cracks, porosity, or discontinuities in metals, composites, and welds.
- **Thickness gauging:** Provides a stable connection between transducers and thickness gauges for accurate wall measurement in pipelines, storage tanks, and structural components.
- **Calibration and verification:** Ideal for short-range cable setups during instrument calibration with standard blocks, ensuring precise and consistent performance.
- **Benchtop and lab testing:** Short 3-foot length is perfect for controlled testing environments where minimal cable slack and space efficiency are important.
- **Industrial NDT inspections:** Commonly used in aerospace, manufacturing, and energy sectors for routine non-destructive evaluations requiring compact, reliable connections.

