

ORNG-117-16

Berg Lemo 00 Female Straight to Lemo 00 Straight 16' Cable, RG 174, 50 Ohm, Orange Quality



The ORNG-117-16 is a high-quality ultrasonic flaw detection cable designed for critical inspection tasks in both field and laboratory environments.

Featuring a LEMO 00 female straight connector on one end and a LEMO 00 male straight connector on the other, this 16-foot cable is built with RG-174 coaxial construction to ensure optimal signal performance. Its high-visibility orange jacket promotes safety and easy identification in multi-cable or industrial setups.

Designed for use with compatible flaw detectors and transducers, the ORNG-117-16 provides low-loss signal transmission over extended lengths.

Specifications

- **Part Number: ORNG-117-16**
- **Cable Type: RG-174 Coaxial Ultrasonic Cable**
- **Length: 16 feet (4.88 meters)**
- **Color: Orange**
- **Connector A: LEMO 00 Female Straight Plug**
- **Connector B: LEMO 00 Male Straight Plug**

Features

- **LEMO 00 female to LEMO 00 straight connectors offer a secure, professional-grade connection for ultrasonic NDT systems**
- **16-foot length provides extended reach for inspections that require more distance between the probe and instrument**
- **Flexible RG-174 coaxial cable delivers reliable signal transmission while remaining lightweight and easy to handle**
- **50-ohm impedance ensures accurate data transmission and compatibility with most ultrasonic flaw detectors and thickness gauges**
- **High-visibility orange jacket makes the cable easy to identify in multi-cable setups or busy industrial environments**
- **Robust and portable design supports long-term use in both laboratory and field inspection conditions**

Applications

- **Flaw detection:** Used to connect ultrasonic transducers to flaw detectors for identifying internal cracks, delaminations, or voids in metals, composites, and welds.
- **Thickness gauging:** Supports accurate wall thickness measurement in pipelines, tanks, and pressure vessels by linking probes to compatible ultrasonic gauges.
- **Calibration and setup:** Ideal for interfacing with standard calibration blocks or reference samples during instrument setup or quality assurance procedures.
- **Extended-reach inspections:** The 16-foot length enables flexibility in hard-to-reach or large-scale test environments, such as aerospace structures or storage tanks.
- **Laboratory and field testing:** Suitable for controlled lab environments and on-site industrial inspections across manufacturing, energy, and transportation sectors.

