

ORNG-113-12

Berg Orange Quality Ultrasonic Flaw Cable, Lemo 00 Straight to BNC (MPKX), 12 feet (RG174)



The ORNG-113-12 is a 12-foot ultrasonic flaw detection cable constructed with high-quality RG174 coaxial cable and terminated with a LEMO 00 straight connector on one end and a BNC male connector on the other. The bright orange jacket ensures highly visible cable identification and safety in lab and field environments. This durable cable delivers consistent 50-ohm signal transmission with low loss, making it well-suited for precision ultrasonic testing across a variety of NDT applications.

Specifications

- **Part Number:** ORNG-113-12
- **Cable Type:** RG174 Coaxial Flaw Cable (50-ohm impedance)
- **Length:** 12 feet (approximately 3.66 m)
- **Color:** Orange
- **Connector A:** LEMO 00 Straight Plug
- **Connector B:** BNC Male Plug

Features

- **Constructed with high-quality RG174 coaxial cable, offering consistent 50-ohm impedance and stable signal transmission over the 12-foot length**
- **Equipped with a precision LEMO 00 straight connector for a secure, reliable connection to transducers and ultrasonic equipment**
- **Features a standard BNC male connector compatible with a wide range of flaw detectors, oscilloscopes, and analysis tools**
- **The rugged orange outer jacket provides enhanced durability, high visibility in field environments, and resistance to physical wear**
- **Engineered with shielding to reduce electromagnetic interference, helping preserve signal integrity during critical testing operations**

Applications

- **Flaw Detection:** Used in ultrasonic non-destructive testing systems for identifying internal cracks, voids, or inclusions within materials such as metals, composites, and welds during quality control
- **Thickness Measurement:** Enables precise wall thickness readings in components like pipes, tanks, and plates, helping to assess material integrity and wear over time
- **Corrosion Monitoring:** Supports ongoing evaluation of corrosion progression in critical infrastructure, especially in marine, industrial, and oil & gas environments
- **Calibration Tasks:** Connects ultrasonic instruments to known reference blocks or standards for proper calibration and accuracy verification during setup or maintenance
- **Field Inspections;** Designed for portable use in demanding environments such as aerospace, energy, or heavy machinery sites, where rugged reliability is essential for daily testing work

