

# ORNG-112-12

## Berg Orange Quality RG174 Ultrasonic Flaw Cable, BNC to BNC, 12 ft



The ORNG-112-12 is a 12-foot ultrasonic flaw cable constructed with high-quality RG174 coaxial cable, featuring BNC male connectors on both ends. Designed for reliable ultrasonic flaw detection and thickness gauging, this cable offers consistent 50-ohm impedance with low signal loss. The bright orange jacket improves visibility and safety during both laboratory testing and field inspections. Its flexible and durable design ensures dependable performance in a variety of industrial and testing environments.

## Specifications

- Part Number: ORNG-112-12
- Cable Type: RG174 Coaxial Flaw Cable (50 ohm impedance)
- Length: 12 feet (approx. 3.65 meters)
- Color: Orange
- Connector A: BNC Male Plug
- Connector B: BNC Male Plug

# Features

- **Constructed with RG174 coaxial cable providing consistent 50-ohm impedance and reliable signal transmission for ultrasonic testing**
- **Equipped with BNC male connectors on both ends for secure and stable connections to ultrasonic equipment**
- **Bright orange jacket enhances visibility to reduce the risk of cable misplacement and improve safety in busy testing environments**
- **Flexible and durable cable design allows easy handling and routing in both laboratory and field applications**
- **Braided shielding helps protect against electromagnetic interference, ensuring accurate and clean signal quality during inspections**

# Applications

- **Flaw Detection:** Connects ultrasonic probes to flaw detectors to locate internal cracks, voids, and other defects in metals and composites
- **Thickness Measurement:** Enables accurate ultrasonic gauging for corrosion monitoring and material wear assessment in pipes, tanks, and structural components
- **Calibration:** Used in test setups to calibrate ultrasonic equipment and ensure consistent, reliable inspection results
- **Aerospace Inspection:** Supports nondestructive testing of critical aircraft parts where reliable signal transmission is essential
- **Laboratory Testing:** Ideal for controlled environments where precise and repeatable ultrasonic measurements are required
- **Field Maintenance:** Suitable for portable ultrasonic instruments used during on-site inspections and routine preventive maintenance

