

ORNG-112-4

Berg Orange Quality RG174 Ultrasonic Flaw Cable, BNC to BNC 4 ft



The ORNG-112-4 is a 4-foot ultrasonic flaw detection cable made from RG174 coaxial cable with BNC male plugs on both ends. Its bright orange jacket ensures high visibility and safe handling in both laboratory and field environments. This cable delivers consistent 50-ohm signal transmission with minimal attenuation, making it suitable for thickness gauging, flaw detection, and other ultrasonic NDT applications where secure, interference-resistant connections are essential.

Specifications

- Part Number: ORNG-112-4
- Cable Type: RG174 Coaxial Cable, 50 Ohm
- Length: 4 feet (approximately 1.22 meters)
- Color: Orange
- Connector A: BNC Male
- Connector B: BNC Male

Features

- **Constructed using high-performance RG174 coaxial cable to maintain consistent signal strength during ultrasonic flaw detection**
- **Equipped with precision-machined BNC male connectors on both ends to provide secure locking and reliable data transmission**
- **Designed with a high-visibility orange PVC outer jacket for added protection and easy identification in busy workspaces**
- **Offers excellent flexibility and low-profile form factor, making it suitable for tight routing paths and portable test setups**
- **Engineered with dense braided shielding to minimize external noise and ensure accurate signal delivery in testing environments**
- **Built to meet the rugged demands of nondestructive testing, ensuring dependable performance over repeated use**

Applications

- **Ultrasonic flaw detection:** Used in nondestructive testing to transmit signals between transducers and flaw detectors for identifying internal material defects
- **Field inspections:** Suited for on-site testing of pipes, welds, and structural components in construction, manufacturing, and maintenance environments
- **Laboratory testing:** Compatible with bench-top ultrasonic instruments used in controlled environments for materials research and development
- **Quality control:** Supports routine inspection processes in production lines to ensure the integrity and consistency of critical components
- **Aerospace and automotive testing:** Enables signal transmission for ultrasonic inspection of composite panels, engine parts, and structural joints in demanding industries

