

Biddle Model 531 Coaxial TDR



Coaxial Time Domain Reflectometer BIDDLE Model 531 Coaxial TDR

- Resolution range from less than 1 inch (25 mm) to 10,000 ft (3 km)
- 15 internal memory positions
- RS-232 interface for printer or PC
- Determines attenuation loss and return loss in transmissions systems
- Trace expansion (zoom) capability
- Selectable source impedance of 50 W, 75 W or 93 W

The Biddle Model 531 Coaxial TDR conveniently analyzes cable and locates shorts, opens, high resistance taps, wet taps, impedance mismatch along the transmission line, attenuation loss, return loss and cable damage on coaxial cable systems.

Since the instrument primarily finds applications in the Outside Plant environment the Model 531 has been designed to ensure proper performance in a wide range of harsh field conditions. Local loop coax cable system are constructed of relatively short cable runs [less than 1,000 feet (303 m)] therefore, the Model 531 offers resolution of less than 1 inch (25 mm) to allow viewing of all activity along a short cable span.

The Model 531 provides test documentation through its 15 internal memory registers. Test results can be stored or be recalled for future analysis. An RS-232 interface also provides interfacing to either a personal computer or printer.