



Model 6000DSL

Multi-Function Telephone Network Analyzer

FEATURES/KEY BENEFITS

- **Diagnostic and fault location functions in one instrument** – Integrated testing system enables the technician to diagnose and locate faults in POTS and DSL service with one easy to use, high quality instrument.
- **Diagnostic Test Package** – Identify conditions on the line that can adversely affect POTS and/or DSL service using the following diagnostic tools:
 - Multi-Meter** – Measure AC volts, DC volts, foreign battery, resistance and insulation resistance.
 - Pair Quality Tests** – Measure loop current, noise metallic, power influence and longitudinal balance.
 - Power Spectral Density** – Find signals causing interference on active/inactive DSL lines.
 - Insertion Loss** – Measure voice frequency and wideband signal loss using tones generated by the Model 6000DSL's remote device.
 - Crosstalk Tests** – Measure both NEXT and FEXT Crosstalk, selecting either a single frequency to test or a sweep of voice or wideband frequencies.
- **Fault Location Test Package** – Restore existing service quicker or reclaim unused lines for new service with accurate fault location tools:
 - Time Domain Reflectometer (TDR)** – Accurately locate opens, shorts, water in cable, bad splices and cable damage with the same full-function TDR found in Riser Bond's stand-alone instruments.
 - Resistance Fault Locator (RFL)** – Three test modes. Locate resistance faults on a pair or on a single conductor.
 - Stress TDR** – This exclusive feature enhances the instrument's ability to locate faults due to moisture in the cable.
 - Open/Capacitance Meter** – Measure capacitance to the end of the pair or locate fault caused by an open circuit.
- **Ease-of-Use Features** – The soft-key menu's intuitive left-to-right operation guides the technician through logical testing steps to diagnose and locate faults. Most tests are performed using the same connection to the line.



- **Auto-Test and Fault Analysis Functions** – Press the Auto-Test key to perform a series of basic diagnostic tests. The Fault Analysis function will then suggest the appropriate fault location tool to use to most effectively locate the problem.
- **SUPER-STORE Waveform Data Storage** – Analyze TDR waveforms in a more convenient time or place. The instrument also stores Auto-Test and Power Spectral Density records.
- **WAVE-VIEW Software** – View, manipulate, print and archive TDR waveforms on your computer. Document plant, certify new builds, and store waveforms for later comparisons.
- **Remote Device** – One unassisted technician working at a distance from the exchange can disconnect a customer's service, identify the cable pair, open and close the circuit, and reconnect the customer after desired tests are complete. Use up to three remotes simultaneously to test different sections of a line.
- **Large LCD Display** – Test results and interpretive information are presented in an easy to read format on a screen that is larger than those found on many competitive units.



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