

# Riser Bond Oscillator and Probe



## Far End Device with Tone Probe

The Riser Bond Oscillator and Probe provides single operator solutions for the telephone network. It increases efficiency by allowing an unassisted line technician working up to 12 miles from the exchange to disconnect the customer's service, identify the cable pair, open and close the loop, and re-connect the customer after desired tests are complete.

## Key Benefits

- One technician in total control – no assistance required from the exchange.
- Four modes enable the technician to change the far end device remotely to optimize the cable pair for the required test.
- Multiple trips along the cable eliminated.
- Unique sub voice band signaling system that is immune to DTMF and noise.
- Robust communication signal is able to travel long distances without causing interference to outside lines.

## Product Specifications

### Oscillator

- Low battery indication
- Battery 9V, 216 or equivalent
- Mode 1: Tone (Pair I/D)**
  - Tone output frequency 1kHz
  - Selectable Pulsed or continuous frequency
  - Tone output level to Line +3dBm (600Ω)
  - Output impedance 600Ω
  - Current consumption approx. 5mA
- Mode 2: Open Circuit**
  - Resistance between terminals > 200MΩ
  - Max. Line voltage 1kVdc
- Mode 3: Short Circuit**
  - Resistance between terminals, approx. 50mΩ
  - Current consumption approx. 2mA
- Mode 4: Connect Exchange**
  - Current consumption approx. 2mA

### Probe

- Tone receiver, loudspeaker or earphone output (2000Ω)
- High and low tone sensitivity settings
- Tone receiver mode automatically times out in 2 minutes
- Loudspeaker audio output level, 86dBA at 180mm
- Current consumption in tone receiving mode approx. 15mA
- Current consumption in other modes <1μA
- Low battery indication
- Green LED indicates exchange connected
- Battery 9V, 216 or equivalent

*Specifications subject to change without notice.*

*For more information, contact:*

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