



Water Solutions

TX916 Loop-a-Line Kit Communication Cable Maintenance

The TX916 Loop-a-Line is used for efficient telephone installation and maintenance repair.

HMG Water Solutions are the exclusive UK distributor for Teletech PTY. TX916, the new improved Loop-a-Line for efficient telephone installation and repair. The TX916 is ideal for new service installations and repairs. Cable faults will be found faster, and service restored more quickly with the TX916 in the technician's tool kit.

Using the Probe, identify the pair and control the line termination at the oscillator for:

- Open Circuit
- Short Circuit
- Connect Service
- 600 Ω quiet line
- Pair short circuit detection

For quiet line, the termination is 900 Ω in regions where this is the standard network termination.



5 WAYS TO BETTER SERVICE PROVISION

1. Press TONE to identify the cable pair
2. Press OPEN to disconnect the line for Foreign Battery and Insulation Resistance testing
3. Press SHORT to loop the line for loop resistance, Resistance balance and Resistive fault location tests
4. Press CONNECT to restore the service
5. Press 600 Ω Ohm for a quiet line

BENEFITS OF TX916 LOOP a LINE

One technician can work unassisted by using the probe to remotely control an oscillator

Eliminates multiple journeys along the cable path

Six mode selectable switching

Battery level indicator

CONTACT OUR TEAM TODAY TO DISCUSS YOUR REQUIREMENTS
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LOCATE : SURVEY : DETECT

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Technical Specifications	
OSCILLATOR	
Battery 9V alkaline IEC6LR61	
LED low battery indication	
Short circuit detection, foreign battery reverse polarity	
Weight: 110g	
Dimensions: 240mm x 35mm x 25mm	
Mode 1: Tone (Pair I/D)	
Tone output 1kHz-2kHz	
Selectable warble (default), continuous, two tone beeps repeating and three tone beeps repeating	
Enable/disable buzzer for short circuit and foreign battery reverse polarity detect	
Max consumption, 8.80mA (70.5 hours, 580mAh battery)	
Tone output level into Line +9.1dBm into 600 Ω (Ohm)	
Output impedance 600 Ω (Ohm)	
Mode 2: Open Circuit	
Current consumption approx. 0.75mA	
Resistance between terminals > 1G Ω (Ohm)	
Max open circuit voltage 500V dc	
Line Balance: 54pF (black clip-red clip), 58pF (black clip-ground plane), 72pF (red clip-ground plane)	
Mode 3 & 4: or Short Circuit	
Current consumption approx. 0.75 mA	
Max short circuit current 2A	
Resistance between terminals, <0.30 Ω (Ohm)	
Mode 5: Connect	
Current consumption approx. 0.75mA	
Mode 6: 600 Ω ohm termination	
600 Ω ohm cable pair termination, configuration for noise measurement.	
Current consumption approx. 0.75mA	
PROBE	
Battery 9V alkaline IEC6LR61	
Low battery indication using low frequency beep	
Tone receiver, loudspeaker or earphone output (<2000)	
High and low tone sensitivity settings	
Tone receiver automatic power off after 2 minutes	
Max current consumption approx. 98mA	
Current consumption in other modes <1uA	
Green/Red LED shows exchange connected	
Weight: 130g	
Dimensions: 200mm x 50mm x 28mm	

