

TX915 – Loop-a-Line

Specifications

The TX915 instrument is a product developed specifically for telecommunications technicians involved in fault location activities. It is a multi instrument kit. It provides the functionality to remotely switch the line through 4 positions: open, short, tone and exchange.

TX915 Warranty

The TX915 has a 12 month manufacturer warranty for parts and cases for reasonable fair wear and tear. Any tampering with the units will void the warranty. The TX915 is manufactured to ISO9000 standards.

TX915 Calibration

The TX915 does not require calibration.

TX915 Kit

The kit consists of the following items:

- Oscillator;
- Probe;
- Oscillator Lead;
- Probe Lead;
- Instruction Card;
- Carry Pouch; and
- Ear piece/phone (optional).

Technical Specification – TX915

Oscillator

Description	Range	Notes
Low battery indication		
Battery 9V, alkaline		
Mode 1: Tone Pair Identification		
Tone Output Frequency	1KHz – 2 2kHz	
Selectable		Warble, Pulsed or Continuous
Output level to line	+3dBm (600Ω)	
Output Impedance	600Ω	
Current Consumption	Approx. 5mA	
Mode 2: Open Circuit		
Resistance between terminals	>200MΩ	
Line voltage	1KVdc (max)	
Current Consumption	2mA (approx)	
Mode 3: Short Circuit		
Resistance between terminals	50mΩ (approx)	
Current Consumption	2mA (approx)	
Mode 4: Connect Exchange		
Current Consumption	2mA (approx)	

Probe

Description	Range	Notes
Low battery indication		
Battery 9V, alkaline		
High and low tone sensitivity settings		
Tone receiver mode		
Auto time-out	2 minutes	
Output	2,000Ω	Receiver, speaker or earphone
Tone Output Frequency	86dBA @ 180mm	
Current Consumption	15mA	
Other modes		
Current Consumption	<1μA	
Exchange connected		Indicated by green/red LED

Leads

Probe & Oscillators lead terminators	Banana plugs
--------------------------------------	--------------

Physical

Oscillator

Description	Notes	
Dimensions	205 x 33 x 25 mm	
Weight	106 gm	Battery not included
Battery Life	40 hours	Typical

Probe

Description	Notes	
Dimensions	205 x 50 x 28mm	
Weight	103 gm	Battery not included
Battery Life	40 hours	Typical

Total Kit

Description	Range	Notes
Dimensions	300 x 150 x 70 mm	
Weight	653 gm	

Environmental

Description	Range	Notes
Operating Temperature	0 to 50°C	
Ingress Protection	IP 54	

Specification maybe subject to change without notice