power and communications

LEXXI™ T810

universal handheld cable fault locator



- Use the latest generation, hand-held cable fault locator from the people who invented the world's first, and you hold two vital advantages: time saving innovation and experience-led performance.
- The Lexxi™ T810 gives genuine universal performance for short and long range applications on all types of metallic cable, with switchable settings for CATV, 75Ω coax, datacom & telecom, twisted pair, LV power distribution and 50 ohm coax.
- Innovative features* result in a versatile, cable-test instrument that is remarkably easy to use.
- Large back-lit display, tactile push buttons and ability to operate in temperatures as low as -20ºC allow use in a vast range of locations and conditions.
- Accurate to 20cm on shortest range.
- Automatic cable attenuation compensation ensures easy location of faults at all distances, without the need for a balance control.
- Automatic default settings of pvf, cable impedance and cable attenuation compensation are selected by cable type.

* Patent pending

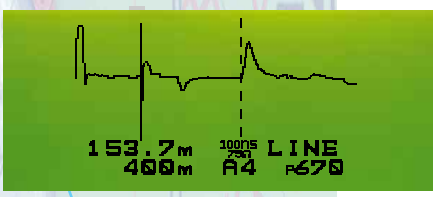
Bicotest
LEADERS IN CABLE FAULT LOCATION

AS CLOSE AS YOU CAN GET TO FAULTLESS CABLE PERFORMANCE

Specifications

LEXXI™ T810

RANGES :	(nominal)	10m, 30m, 100m, 300m, 1000m, 3000m at a pvf of 0.67
ACCURACY :		+/- 0.9% of range
RESOLUTION :		1% of range
PROPAGATION VELOCITY :		Variable velocity factor, 0.2 to 0.99 pvf Unit remembers last figure used
GAIN :		Automatic. Varied across screen
PULSE CHARACTERISTICS :	Width :	7ns to 2µs selected according to range
	Amplitude :	5V nominal when unterminated
	Output Impedance :	25Ω, 50Ω, 75Ω, 100Ω switchable
	Balance control :	Not required
OUTPUT :	Sockets :	2 x 4 mm on 19mm pitch
	Protection :	Instrument will not be damaged by direct application of 250V AC rms 50/60 Hz to the input. For safety reasons, however, it should NOT be operated under these conditions. For safe use on cable carrying hazardous live voltages, the fused blocking filter test lead MUST be used
DISPLAY:	Type :	Liquid crystal, 128 x 64 pixels with back light
	Cursor :	Single vertical line
MODES :	Real time :	Single trace Cable type select (sets pvf default gain algorithm & impedance) Screen contrast, with automatic temperature compensation Units - metres or feet Pvf adjustment
POWER :		6 x AA size LR6 Alkaline batteries
ENVIRONMENT :	Operation Temperature :	-20ºC to +55ºC
	Storage Temperature :	-30ºC to +70ºC
	Humidity :	93% RH at +40ºC
INGRESS PROTECTION :		Water resistant to BS 2011, Part 2.1 R/IEC 68-2-18, Test Ra
SAFETY :		EC Directive 73/23/EEC, as amended by 93/68/EEC BS EN 41003: 1997
EMC :		EC Directive 89/336/EEC, as amended by 93/68/EEC
SIZE (mm) :		250 x 100 x 55 mm
WEIGHT (kg) :		600 gm (including batteries, excluding lead)
ORDERING DETAILS :	T810/1 :	LEXXI™ unit, weatherproof shoulder bag with belt loop, 6 x AA alkaline batteries and operating manual: excluding lead
	L810/1/PWR :	Fused blocking filter test lead for live AC power cable. Maximum voltage 600V rms, 50/60Hz
	L810/1/50 :	50 ohm test lead for coax cable and unenergised power cable
	L810/1/75 :	75 ohm test lead for coax cable
	L810/1/100 :	100 ohm test lead for twisted pair cable
WARRANTY:		2 years



Key features

- **Easy single-handed operation**
- **Hand-held instrument for long and short range applications**
- **Switchable settings for different types of cable, including live AC when used with the fused blocking filter lead**
- **Cable attenuation compensation and narrow pulse for clear and simple trace display**
- **Large, high resolution display**
- **Back lit LCD effective down to -20ºC**
- **Tactile push buttons**
- **7ns minimum pulse width**
- **Proven Bicotest durability**
- **Two year warranty**

Whilst every care is taken that the information contained in this publication is correct, no legal responsibility can be accepted for any inaccuracy. The company reserves the right to alter or modify the information contained herein at any time.
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Bicotest
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