LanRoamer™
Cable Tester

Key Features

- Displays cable test results on main and remote units in less than 2 seconds

- Identifies shorts, opens, miswires, reversals, and split pairs

- Auto-on initiates test when a connection is sensed between main and remote unit

- Debug mode diagnoses faults one pair at a time

- Includes tone generator

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Applications

- Installation and maintenance on telco and datacom cable
- Identifies faults
- Generates tone for tracing
- Supports unshielded or shielded twisted pair

The LanRoamer™ is a cable tester and tone generator in one unit. It displays cable test results using indicator lights on the main and remote unit. LanRoamer is an easy-to-use tool for residential, datacom, telecom, and cable contractors and installers.

When the unit senses a connection between the main and remote unit, the battery-saving auto-on feature initiates test results within 2 seconds. The tester automatically powers off within 5 seconds of the cable being disconnected.

LanRoamer tests for shorts, opens, miswires, reversals, and split pairs and can display connection and fault information on a pair-by-pair basis. It also generates audio tones for use with tone tracers on all pairs.

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Specifications

Electrical

Battery Life

Times are for the full capacity of the battery used continuously in one of the following modes (typical, 9 V alkaline, included):

– Standby mode	2.5 yrs
– Cable testing mode	20 hrs
– Tone mode	170 hrs

Cable Types

Shielded or unshielded, CAT3, CAT4, CAT5, CAT5e, and CAT6

Minimum cable length for testing split pairs	1 m (3 ft)
Maximum cable length for testing	305 m (1,000 ft)
Coax cable	100 Ω maximum DC resistance, center conductor plus shield

Environmental

Temperature

– Operating	0 to 50°C (32 to 122°F)
– Storage	−20 to 70°C (−4 to 158°F)
Humidity	10 to 90%, non-condensing

Physical

Length	14.5 cm (5.70 in)
Width	7.2 cm (2.85 in)
Height	3.0 cm (1.20 in)
Weight (with battery)	162 gm (5.7 oz)

Ordering Information

LanRoamer Cable Tester	**TP500**

– Includes onboard cable test remote, 30.48 cm (1 ft) patch cable with RJ45 connectors (TP55), nylon pouch (PC150), and 9-volt battery.

Accessories

30.48 cm (1 ft) patch cable with RJ45 connectors	TP55
RJ45 to coax F-connector adapter	TP50
LanRoamer #1 cable test remote	TP505
Nylon pouch	PC150

Warranty

JDSU guarantees that its products will be free of all defects in material and workmanship. This warranty extends for the period of 12 months for test instruments and 3 months for cables from date of manufacture or purchase (proof of purchase required).

All products deemed defective under this warranty will be repaired or replaced at the discretion of JDSU. No further warranties either implied or expressed will apply, nor will JDSU assume responsibility for operation of this device.

Test & Measurement Regional Sales

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