LanRoamerPRO™
Cable Tester

Key Features

- Measures cable length in feet or meters
- Two-line, 16-character alphanumeric LCD with icon flags displays test results in wiremap format
- Conducts single-ended tests on shorts, splits, and opens
- Auto-on enables test results within 2 seconds
- Tests for shorts, opens, miswires, reversals, and split pairs with remote
- Includes tone generator

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Applications

- Installation and maintenance on telco, datacom, and coax cable
- Generates wiremap, ID, multiple faults, and PASS results
- Measures cable length
- Generates tone for tracing
- Supports unshielded or shielded twisted pair and coax

The LanRoamerPRO™ is a length measurement tool, cable tester, and tone generator in one unit. The LCD, four momentary buttons, single end testing capability, and other features make the LanRoamerPRO an easy-to-use tool for residential, datacom, telecom, and cable contractors and installers.

When testing with a remote identifier, the LanRoamerPRO remains off to extend battery life. The auto-on feature enables display of wiremap, ID, and multiple faults within 2 seconds. The tester automatically powers off within 5 seconds of the cable being disconnected.

The LanRoamerPRO operates in one of four modes. In Test/Pre-test mode, the unit detects and displays shorts, opens, miswires, reversals, and split pairs. If there is no remote, it tests for shorts, splits, and opens. It also displays the PASS icon for T568A/B passing cables. In Length mode, the unit measures length using a proven cable capacitance method. Tone mode generates audio tones for use with tone tracers on all pairs. Finally, Setup mode enables user-selectable options, such as beep-on-PASS or setting length measurements for feet or meters.

Test-Um
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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, not included):

– Standby mode	2.5 yrs
– Cable testing mode	120 hrs

Cable Types

Shielded or unshielded, CAT3, CAT4, CAT5, CAT5E, CAT6, and coax

Minimum cable length for testing for split pairs	1 m (3 ft)
Minimum cable length for PRE-TEST	1.25 m (4 ft)
Length measurement range (CAT5/6)	0 to 762 m
	(0 to 2,500 ft)
Coax cable	100 Ω maximum DC resistance, center conductor plus shield

Environmental

Operating temperature	0 to 50°C (32 to 122°F)
Storage temperature	−10 to 60°C (14 to 140°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 and remote)	176 g (6.2 oz)

Ordering Information

LanRoamerPRO Cable Tester with onboard cable test remote — **TP600**

– Includes 30.48 cm (1 ft) RJ45 to alligator clips cable (TP40), two 30.48 cm (1 ft) patch cables with RJ45 connectors (TP55), wire configuration sticker, and nylon pouch (PC150). Requires 9-volt battery (not included).

LanRoamerPRO Cable Tester Kit with 8 cable test remotes — **TP607**

– Includes 30.48 cm (1 ft) RJ45 to alligator clips cable (TP40), RJ45 to coax F-connector adapter (TP50), two 30.48 cm (1 ft) patch cables with RJ45 connectors (TP55), wire configuration sticker, and nylon pouch (PC400). Requires 9-volt battery (not included).

Accessories

30.48 cm (1 ft) RJ45 to alligator clips cable	TP40
30.48 cm (1 ft) patch cable with RJ45 connectors	TP55
RJ45 to coax F-connector adapter	TP50
Set of 7 (2–8) cable test remotes	TP608
#1 cable test remote	TP609
Set of 8 (1–8) cable test remotes	TP610
#2 cable test remote	TP610-2
#3 cable test remote	TP610-3
#4 cable test remote	TP610-4
#5 cable test remote	TP610-5
#6 cable test remote	TP610-6
#7 cable test remote	TP610-7
#8 cable test remote	TP610-8
Nylon pouch for TP600	PC150
Nylon pouch for TP607	PC400

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