

LanScaper™

Cabling and Network Tester



Key Features

- Detects and reports speed and capabilities for active Ethernet and other devices up to 100 Mb/s
- Pinging function verifies connectivity to network devices
- Blinks link indicator to identify cable termination on active ports
- Identifies hubs, NICs or auto MDI/MDI-x devices
- Tests cabling configuration and verifies connectivity while conducting tests for opens, shorts, miswires, split pairs, and reverses
- Displays length measurement for each pair in feet or meters
- Generates selectable tones on selected pins for use with tone tracers



Applications

- Network testing for port discovery, ping test, and hub flash
- Identifies speeds up to 100 Mb/s, duplex mode, and other capabilities of active Ethernet devices
- Conducts full cable tests with display of PASS, wiremap, ID, and faults for telco, data, and coax cable
- Measures cable length
- Tones and traces cables
- Wiremaps network connections with remote identifiers

The LanScaper™ is a jack identifier, cable tester, length measurement device, and ping tester in one unit.

The easy-to-use LanScaper enables quick identification at unknown RJ45 jacks for active Ethernet, POTS, Token Ring, or other devices. It pings network devices to verify connections and IP addresses, automatically accessing DHCP hosts to obtain network information. The LanScaper can quickly identify hubs, NICs, or auto MDI/MDI-X devices and conduct link tests to identify speed and capabilities of network drops.

For cable testing, the LanScaper provides full cabling testing, displaying wire map, ID, and faults, including shorts, opens, miswires, split pairs, and reverses. The full-featured LanScaper also measures cable length and generates tone levels for signal tracing and cable identification on all pairs, a selected pair, or a selected pin.



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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, 9V alkaline, included):

– Standby mode	2.5 yrs
– Cable testing mode	50 hrs (no backlight) 14 hrs (50% backlight)
– Network testing mode	15 hrs (no backlight) 14 hrs (50% backlight)

Cable types

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

Minimum cable length for testing for split pairs	1 m (3 ft)
Minimum cable length for single-ended cable test	1.25 m (4 ft)
Length measurement range (CAT5/6)	0 to 457 m (0 to 1,500 ft)

Environmental

Operating temperature	0 to 50°C (32 to 122°F)
Storage temperature	–30 to 80°C (–20 to 176°F)
Humidity	10 to 90%, non-condensing

Physical

Length	15 cm (5.9 in)
Width	7.4 cm (2.9 in)
Height	3.2 cm (1.25 in)
Weight (with battery)	200 g (7 oz)

Ordering Information

LanScaper Cabling and Network Tester with cable test remote
NT700

- Includes two 30.48 cm (1 ft) RJ45 to alligator clips cables (TP40), two 30.48 cm (1 ft) patch cables with RJ45 connectors (TP55), two 19 cm (7.5 in) RJ12 to RJ12 cable for no-fault connection to RJ11 or RJ45 jacks (TP20), nylon case (PC150), and 9-volt battery.

LanScaper Cabling and Network Tester Kit with 8 remote identifiers
NT750

- Includes Tone Tracer Probe (TT100), two 30.48 cm (1 ft) RJ45 to alligator clips cables (TP40), two 30.48 cm (1 ft) patch cables with RJ45 connectors (TP55), nine 19 cm (7.5 in) RJ12 to RJ12 cables for no-fault connection to RJ11 or RJ45 jacks (TP20), two RJ45 to coax F-connector adapters (TP50), nylon case (PC400), and 9-volt battery.

Accessories

30.48 cm (1 ft) RJ45 to alligator clips cable	TP40
30.48 cm (1 ft) patch cable with RJ45 connectors	TP55
19 cm (7.5 in) RJ12 to RJ12 cable for no-fault connection to RJ11 or RJ45 jacks	TP20
RJ45 to coax F-connector adapter	TP50
Tone Tracer Probe	TT100
Set of 20 coax, RJ45, RJ11, and two lead ID-only remotes	KP420
Set of 10 (1–10) coax ID-only remotes	TP310
Set of 20 (1–20) coax ID-only remotes	TP311
Set of 20 (1–20) RJ45 ID-only remotes	TP312
Set of 20 (1–20) RJ11 ID-only remotes	TP314
Set of 20 (1–20) two lead ID-only remotes	TP315
Nylon pouch for NT700	PC150
Nylon pouch for NT750	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.