



## *Enabling Australia's Field Technicians to build, troubleshoot and maintain better communications networks.*



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# **FREECALL 1800 680 680**

## Overview

The NT700 and NT750 is a network management device that combines cable testing and length measurement with the capability to monitor and correct network problems connected with the physical layer and link conditions of the network.

### Key Features

- Wiremaps network connections with remote identifiers
- Displays advertised network speed/duplex
- Measures and reports any voltage on lines
- Generates multiple tone levels for signal tracing and cable identification

### Applications

- Identifies port services: POTS, Ethernet, ISDN, Token Ring
- Pings network devices to verify connections and IP addresses and automatically accesses DHCP hosts and obtains network information
- Tests cabling configuration and verifies connectivity and length of run while conducting tests for opens, shorts, miswires, split pairs and reverses
- Verifies functional speed capability of terminated unconnected cable runs by sampling data packets between two LanScaper units, which exercises the run and reports the results
- Conducts link tests to identify speed/capabilities and activity of network drops



### Kit Includes:

NT700 main unit with remote

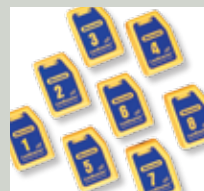
Order Number: NT700

VIAS Number: NT700

NT750 kit includes: NT700 main unit with remote • Tone Tracer (TT100) • 8 remote identifiers • RJ45 to coax adapter cables (TP50) • F to BNC adapter (TP62) • Carrying case

Order Number: NT750

VIAS Number: NT750



Remote Identifiers



TP50 Coax Adapter



TP62

## Technical Specifications

### Electrical

#### Battery Life

Typical 9V alkaline, times are for the full capacity of the battery used continuously in one of the following modes:

- *Standby* 2.5 years
- *Cable testing* 50 hours
- *Network testing* 12 hours

#### Cable Types

- Shielded or unshielded, CAT6, CAT5E, CAT5, CAT4, or CAT3
- Coax

#### Minimum cable length for testing for split pairs

1 meter (3 feet)

#### Minimum cable length for one-ended cable testing

1.25 meters (4 feet)

#### Length measurement range (CAT 5/6)

0 to 457 meters (0 to 1500 feet)

### Environmental

#### Operating Temperature

0 to 50°C (32 to 122°F)

#### Storage Temperature

-30 to 80°C (-20 to 176°F)

#### Humidity (non-condensing)

10% to 90%

### Physical

#### Size (L x W x D)

15 x 7.4 x 3.2 cm  
(5.9 x 2.9 x 1.25 inches)

#### Weight (with battery)

200 grams (7 oz)