

Australian 
Tel-Tec

TELECOMMUNICATIONS & DATA TEST EQUIPMENT



AUSTRALIAN TEL-TEC PTY LTD

VALUE THROUGH INNOVATION, QUALITY AND SERVICE

Inside this catalogue you will find a range of test equipment renowned for outstanding performance, toughness and reliability. For over 25 years our company has provided technicians with the instruments necessary to effectively meet the demands of rapidly changing network technologies. Whether it is increased efficiencies in project installation testing or the speedy resolution of network faults, the right test sets will deliver customer satisfaction and reduced costs. Australian Tel-Tec provides the tools you will reach for every day to make your work easier, faster and more profitable.

COPPER TEST & LOCATION

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Buttinskis



D361 (12KHz)
3 Year Warranty

Digital Service
Detection, Fully Hands
Free, Digital Service/
Hi Voltage Lockout and
Alarm, ADSL Compatible



Alert 340
3 Year Warranty

Digital Service Protection,
Loud Speaker Listening,
Voltage Alarm & Lockout,
ADSL Compatible



DSTS2-MK2

Digital Service
Protection, Excessive
Voltage Alarm, Tone &
Pulse Dialling



COMPACT

Entry Level Tester,
Digital Service
Protection, Excessive
Voltage Alarm, Tone &
Pulse Dialling

PAIR TRACERS



701K-G

Probe with integrated LED flash light, headset jack, short circuit confirming tone & LED indication, external warble selection, volume control, replaceable tip, telephone test port



PTS 100/200

Pocket size carry pouch, modular plug & crocodile clip cordage, continuity & polarity check



711K

Rugged soft carry pouch, three distinct tones, high & low power settings, polarity & continuity check, modular plug & crocodile clip cordage.



801K

Rugged soft carry pouch, two distinct tones, 50Hz filter probe, modular plug & crocodile clip cordage, continuity & polarity check

Pipe & Cable Locators



Tracker II 501

Pipe & cable locator, long range wire locating, work on active or dead system. Direct, inductive coupler or inductive antenna connection.



508S

Wire finder mini locator, depth up to 0.9m, lengths up to 300m, determines approximate depth.

Loop-A-Line



TX915 - Loop-A-Line

Rugged soft carry pouch, tone for pair identification, open to disconnect line, short to loop the line, connect service

TDR (PETS) & MULTI-FUNCTION COPPER TEST



SIDEKICK PLUS

Advanced multifunction copper cable test set, Powerful Time Domain Reflectometer (PETS) resistance fault locator (RFL) & calculator, multimeter, caller ID, patented STRESS balance test, test for noise, loss & power influence, auto test mode with PASS/FAIL. USB port



TS100-01 TelScout TIME DOMAIN REFLECTOMETERS (PETS)

Rugged easy to use test set, twisted pair & coax testing. Powered from AC mains, battery or in-vehicle charger, memory storage and printer output of data. 15km fault location capability, short pulse width for close-in fault identification. One step test set-up identifies distance to fault, splits & cross talk. Pair comparison mode.

TDR (PETS) & MULTI-FUNCTION COPPER TEST



TS90 TelScout TIME DOMAIN REFLECTOMETER (PETS)

Rugged easy to use test set, 15km fault location capability, short pulse width for close-in fault identification.

One step test set up identifies distance to fault. Splits/cross talk & pair comparison modes.



RAPIDTRACE TDRs

Two models RT1100 3.5km range & RT1200 6km range. Configurable impedance to 100 ohms.

Configurable velocity of propagation.

Store up to 50 traces for upload and analysis (RT1200).

Built-in tone generator for pair tracing.

Test telecom, communications, CAT3-6, power and coax cables, three year warranty

BURIED MARKERS & LOCATOR

Mark location of buried services for power, water, sanitary, telephone, gas, cable TV and non-potable water.



MARKER MATE MARKER LOCATOR

1.5m depth range.
Detects up to 7 different
markers.
Scan mode for
simultaneous detection of
all marker types.



OMNI MARKER ELECTRONIC MARKER UNI MARKER ELECTRONIC MARKER

Mark & locate underground facilities,
Easily located up to 1.5m.
Passive high reliability design.
Compatible with all marker locators.

LAN & CABLE TESTERS



EASY CHECK 900

Rapidly identifies shorts, opens, reversed & crossed pairs & miswiring. Easy to use PING, DHCP & Net Scan tests.

Supports 10M/100M/1,000M Cable map & wire map tests.

Generates tone levels for cable tracing.

Blinks link indicator for port ID.

Displays length measurement on each pair.

Identifies Power Over Ethernet for VoIP PABX installers.

Includes a 3 year warranty.



NC-500 NETcat® PRO

One touch testing verifies network cabling STP, UTP & coax.

Measures length of cables (TDR) & presence of network service.

Check for continuity, correct allocation of wire pairs,

Optional remote expansion modules for simultaneous testing

See results on back lit touch screen display,

Four cable tone patterns for cable tracing & trouble shooting.

LAN & CABLE TESTERS



NC-100 NETcat® STRUCTURED WIRING TEST SET

Verify integrity of STP, UTP & coax telecom cables. Check for continuity, correct allocation of wire pairs. See results on back lit display. Detects shorts, opens, reversed polarity, crossed & split pairs. Three cable tone patterns for cable tracing & trouble shooting. Simple testing of LAN & telephone lines.

AT8LK LAN Toner

Rugged soft pack pouch.
LAN hub tracing.
LAN hub detection.
Weather resistant.
Powered Ethernet check.



ADSL & DIGITAL LINES TESTING



ADSL TEST SETS

QUICK TEST 500 & QUICK TEST 100

Quickly identify missing line volts.

Confirm DSL activation.

Detects excessive line attenuation.

Identify poor noise margin & line rates.

View test progress in real time (QT500).

View simple PASS/FAIL results on display (QT500).

View detailed statistics & measurements (QT500).



TX125 DIGITAL LINES TEST SET

Line loss measurement 30Hz to 2MHz.

NEXT & FEXT cross talk 30Hz to 2MHz.

Power line influence 50 or 60Hz & harmonics.

Test memory for review or later analysis.

Automatic test sequencing.

Remotely open or short line under test.

ISDN TEST & SIMULATION



NG HARRIER BASIC RATE ISDN TESTER

For installation & Commissioning.
Maintaining BRI Services.
PC Software for storing results.
Comprehensive testing.



ISDN SIMULATORS

ISDN whenever you need it.
ETSI primary rate & basic rate models.
Multiple ports.
LEDs give clear indication of line status
& activity.
Connect via U or S/T interfaces.
Compact, light weight & convenient.

MULTIMETERS



ESM SERIES DIGITAL MULTIMETERS

Using microchip technology, ESM Series digital multimeters are created for professional electricians with focus on user safety, product functionality and enhanced user interface.



LINES TEST SET

Rugged volt/ohmmeter for testing telephone lines.
Measure Volts, Megohms, K-ohms & low ohms.
Features large colour coded scale, AC detection & push button line reversal.
Steel framed leather carry case.

FIBRE TEST



MINI OTRs

Hand held models for MM & SM operation.

Tier 2 testing building & campus networks, FTTX PON applications. Integrated visible fault locators & power meters.

Short dead zone & powerful dynamic range performance.

Tool free switchable adaptors.

USB flash drive & connectivity.

Fast fault location, splice verification & network documentation.



FIBREOPTIC LOSS TEST KITS

Comprehensive range of Single Mode & MultiMode kits.

LED & Laser sources, multiple wave length.

Wave ID & set reference.

Data storage.

Screw on & snap fit connector adaptors.

FIBRE TEST & FIBRE SCOPES



LAUNCH FIBRES

Essential for accurate end to end fibre link loss measurements.
Lightweight fibre rings ideal for testing in premise networks (up to 2 Km).
Fibre boxes for testing single mode fibre spans (up to 50 Km or longer).
Selection of lengths & connector types
Single Mode & MultiMode versions.



FIBRE OPTIC INSPECTION SCOPES

Optical scopes for connectors on patch cords.
Video scopes for connectors on patch cords & in-bulkhead adaptors.
Wide range of precision adaptor tips.
Magnification 200X 400X.

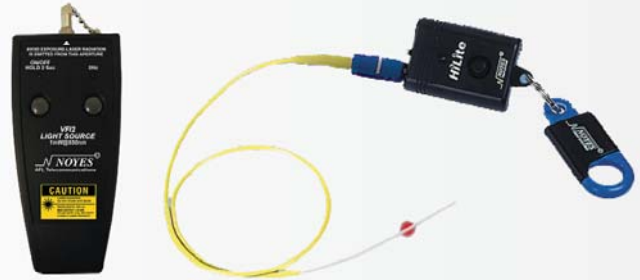
FIBRE TEST



FIBRE OPTIC IDENTIFIERS

Positively identify live fibres prior to cutting or splicing. For installation, maintenance & restoration of service.

Accepts 250 & 900 μ m coated, 3mm jacketed & ribbon fibres. Tone detection. Measure core or relative power. Low insertion loss. FTTx model.



VISUAL FAULT IDENTIFIERS

Compact testers with powerful laser sources designed to trouble shoot faults on fibre optic cables. The red laser light will escape through sharp bends and breaks in jacketed or bare fibres as well as poorly mated connectors to provide a visible fault point. Locate faults in jumpers, distribution frames, patch panels and splice trays.

FIBRE TEST



FIBRE TALK SETS

Handsfree operation, SM/MM, full duplex, compact size, clip-on coupler for bare fibre access. Easy to use.



VARIABLE ATTENUATORS

Single mode and Multimode models. Easy to use, low cost hand held packages. Low insertion loss. Intended for installation testing, new equipment turn-ups, routine maintenance and fibre link certification.

FIBRE PATCH CORDS & FIXED ATTENUATORS



FIBRE OPTIC PATCH CORDS

Carrier grade, Singlemode and Multimode, OM1, 2 and 3. SC, FC, ST, LC, MU and MPO types.
Custom made to specification.



FIXED ATTENUATORS

Carrier grade in-line or termination build out types. Fixed attenuators LC, SC, ST, FC and MU type connectors. Definable values from 1dB TO 20dB

FIBRE CLEANING PRODUCTS



ONE CLICK CONNECTOR CLEANERS

Easy and efficient cleaning of patch cords & bulkhead connectors, 500+ operations. Cleans APC & UPC connectors. Models for ST, SC, FC, LC & MU connectors.



FIBRE CONNECTOR CLEANER

Non-pressured pump action container. Not hazardous, non-flammable & environmentally safe. Residue-free solvent engineered to clean connector end faces.

Australian Tel-Tec Pty Ltd

ABN: 84 006 331 059

Unit 2, 14 Leighton Place,
Hornsby NSW 2077

PO Box 200
Hornsby NSW 2077

PH: (02) 9482 4533

Fax: (02) 9482 4769

Freecall: 1800 501 314

Email: info@teltec.com.au

Web: www.teltec.com.au

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