

Chesilvale PC Harrier Version 1.03-3

New Options Exit

Services Available

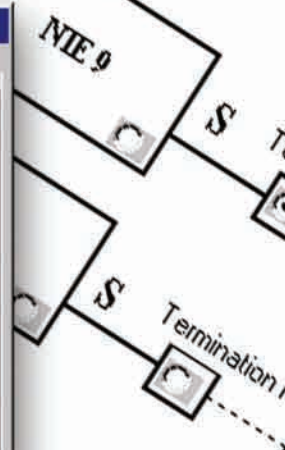
Bearer Capability		Teleservices	
Voice	<input checked="" type="checkbox"/>	Telephony	<input checked="" type="checkbox"/>
Data	<input checked="" type="checkbox"/>	Telefax G2	<input checked="" type="checkbox"/>
3.1 KHz	<input checked="" type="checkbox"/>	Telefax G4	<input checked="" type="checkbox"/>
7.0 KHz	<input checked="" type="checkbox"/>	Teletex	<input checked="" type="checkbox"/>



Harrier Connection / Setup

Services Available

Bearer Capability		Teleservices		Supplementary Services		Extended Supplementary Services	
Voice	<input checked="" type="checkbox"/>	Telephony	<input checked="" type="checkbox"/>	Network C.L.I.P.	<input checked="" type="checkbox"/>	Call Hold	<input checked="" type="checkbox"/>
Data	<input checked="" type="checkbox"/>	Telefax G2/3	<input checked="" type="checkbox"/>	User C.L.I.R.	<input checked="" type="checkbox"/>	C.O.L.P.	<input checked="" type="checkbox"/>
3.1 KHz	<input checked="" type="checkbox"/>	Telefax G4	<input checked="" type="checkbox"/>	D.D.I./M.S.N.	<input checked="" type="checkbox"/>	C.O.L.R.	<input checked="" type="checkbox"/>
7.0 KHz	<input checked="" type="checkbox"/>	Teletex	<input checked="" type="checkbox"/>	DDI/MSN Number to Dial (B2)	<input type="text" value="243010"/>	Malicious Call Identification	<input checked="" type="checkbox"/>
		Videotex	<input checked="" type="checkbox"/>	DDI/MSN Received Digits	<input type="text"/>	Call Forward Busy	<input checked="" type="checkbox"/>
		Mixed Mode	<input checked="" type="checkbox"/>	SubAddress	<input checked="" type="checkbox"/>	Call Forward No Reply	<input checked="" type="checkbox"/>
		OSI	<input checked="" type="checkbox"/>	SubAddress to Send	<input type="text"/>	Call Forward Unconditional	<input checked="" type="checkbox"/>
		Telex	<input checked="" type="checkbox"/>	SubAddress	<input type="text"/>	Advice of Charge	<input checked="" type="checkbox"/>
		User	<input checked="" type="checkbox"/>				
		User Value	<input type="text" value="001"/>				
		User Bearer	<input type="text" value="Speech"/>				



Enable Tests
Clear Set

LANcat® System 6 Network Cable Tester & Talk Set

2-YEAR WARRANTY



Certifies twisted pair cabling to the most demanding TIA Category 5e Level IIe requirements. Autotest suite includes PS-NEXT, Attenuation, EL-FEXT, Return Loss, Length, Propagation Delay, Delay Skew and WireMap. Save up to 800 Autotest reports for upload to a PC using provided Windows-based Report Manager software. Operates from AA cells, AC/mains adaptor, or optional NiMH battery pack. Includes hard carrying case.

- Certifies CAT 5 and Enhanced CAT 5 Cabling.
- Tests PS-NEXT and PS-ACR to 250 MHz.
- Built-in two-way talk set.
- Cable toner for locating cable ends.
- Fibre optic cable testing options.
- Thermoform handset covers.
- CE compliant.

Description	Cat./UPC No.
LANcat® System 6 (115 volt, 60 Hz)	54784
LANcat® System 6 (230 volt, 50 Hz)	54785
LANcat® System 6 (230 volt, 50 Hz, Euro CE)	54786
LANcat® System 6 (230 volt, 50 Hz, UK CE)	54787
LANcat® System 6 with FIBERcat Test & Talk	54872

LANcat® System 5 Network Cable Tester & Talk Set

2-YEAR WARRANTY



Certifies Category 5/Class D twisted pair cabling. Autotest suite includes Power Sum NEXT, Attenuation, Power Sum ACR, Length, WireMap, Propagation Delay, Delay Skew and headroom margin. Operates from AA cells, AC/mains adaptor, or optional NiMH battery pack. Includes hard carrying case.

- Certifies 100 MHz CAT 5 cabling.
- Built-in two-way talk set.
- Cable toner for locating cable ends.
- Saves 800 Autotest reports.
- Report Manager PC software.
- Optional vinyl handset covers.
- Fibre optic cable testing options.
- CE compliant.

Description	Cat./UPC No.
LANcat® System 5 (115 volt, 60 Hz)	54713
LANcat® System 5 (230 volt, 50 Hz)	54714
LANcat® System 5 (230 volt, 50 Hz, Euro CE)	54716
LANcat® System 5 (230 volt, 50 Hz, UK CE)	54715

NETcat® Plus LAN Trouble Shooter

2-YEAR
WARRANTY



Tests and maintains CAT 3, 4 and 5 Ethernet and Token Ring networks. Diagnoses many common network problems with its combinations of cable testing and Ethernet network monitoring capabilities, and provides test storage and report printout capability. Verifies network moves, adds, and changes. AUTOTEST function automatically performs critical cabling tests and reports PASS or FAIL, along with cause for any failure. Tests include WireMap, TDR length, near-end crosstalk (NEXT) and attenuation to 20 MHz, noise. Identifies distance to any cable damage. Monitors Ethernet traffic for utilisation, collisions, hub link pulse, and jabber, with time-stamped data logging up to 30 hours. Includes batteries, AC/mains adaptor, printer cable, and system carrying case.

- Detects Active Ethernet Traffic.
- Datalogs Ethernet Traffic Up to 30 Hours.
- Works with 10BASE-T or Coaxial Networks.
- Complete 10BASE-T and Token Ring Cable Test Capability.
- Operates from batteries or AC/mains adaptor.
- Stores/prints 500 Autotest reports.
- CE compliant.

Description	Cat./UPC No.
NETcat® Plus LAN Trouble Shooter (110 volt, 60 Hz)	54801
NETcat® Plus LAN Trouble Shooter (230 volt, 50 Hz)	54802
NETcat® Plus LAN Trouble Shooter CE (230 volt, 50 Hz)	54803
NETcat® Plus LAN Trouble Shooter CE UK (230 volt, 50 Hz)	54804
Token Ring Adaptor Kit	52404

NETcat® LAN Trouble Shooter

2-YEAR
WARRANTY



Tests and maintains 10BASE-T and coaxial Ethernet networks consisting of CAT 3, 4 and 5 cable. Diagnoses many common network problems with its combinations of cable test and network monitoring capabilities. Autotest function automatically performs critical cable tests and reports PASS or FAIL, along with cause for any failure. Tests include WireMap, TDR length, near-end crosstalk (NEXT) and attenuation to 16 MHz, signal-to-noise ratio, and noise. Monitors Ethernet traffic for utilisation, collisions, hub link pulse, and jabber. Includes 9-volt batteries (3).

- Detect Active Ethernet Traffic.
- Monitor Ethernet Traffic for Use and Errors.
- Works with 10BASE-T or Coaxial Networks.
- Complete 10BASE-T Cable Test Capability.
- Battery Operated.
- CE compliant.

Description	Cat./UPC No.
NETcat® LAN Trouble Shooter	52397
NETcat® LAN Trouble Shooter CE	54595
Vinyl Carrying Case	55412
Token Ring Adaptor	52404

MAPcat™ Twisted Pair Fault Tester



The MAPcat™ is a low-cost tester used to identify various wiring faults found in 10BASE-T and other 4-pair, unshielded twisted pair (UTP) cables.

- Complete wire map testing of unshielded twisted pair (UTP) cable per TIA/EIA 568A and 568B.
- Tests 4 pair UTP cables including 100 BASE T.
- Checks UTP cable for shorts, opens, crossed pairs, reversed pairs and split pairs.
- Tests and identifies up to 8 cables with unique Remote Terminators.
- Easy-to-use, compact and powered with a common 9-Volt battery.

Description	Cat./UPC No.
MAPcat™ With Remote Identifier #1	52254
Remote Identifier Kit #2-4	54488
Remote Identifier Kit #5-8	54487
Remote Identifier Kit #2-8	54489
Carrying Case MAPcat™	54738

PROSCANNER™ Network Cable Test System



PROSCANNER™ is an all-purpose, affordable, pocket-sized cable test tool designed to check cabling integrity. When you need to save time, space and money, choose the PROSCANNER to confirm length, wiring configuration and the location of cable faults.

- Uses TDR technology to ensure accurate length measurements.
- Checks wire continuity.
- Checks wire configuration (wiremap).
- Pinpoints opens, shorts, crossed and split pairs.
- Enables patch cable testing without couplers or external adaptors.
- Measures length, including individual pairs to the hub.
- Tone feature locates remote cable ends and cables in a bundle.
- Matches cables to offices during additions, moves and changes.
- 1-year warranty.
- Battery-operated (9V not included).
- Master kit includes wiremap adaptor #4.

Description	Cat./UPC No.
PROSCANNER™ Master Unit Only	PE-P01/08699
PROSCANNER™ Master Kit (pictured)	PE-K01/08697
Carrying Case for PROSCANNER™	PE-C01/08702

Office Identifier Kit



Identify cable links from the wiring closet to the office using the optional Office Identifier plugs. Maximum length 656 ft. (200 m). Optional cord improves tone signal strength for identifying longer cable runs or tracing wires within walls.

Description	Cat./UPC No.
Office Identifier Kit	PE-K02/08698
Grounding Cord Assembly	PE-P03/08701

Coaxial Cable Tester



The Greenlee Coaxial Cable Tester provides quick verification of opens or shorts in either the conductor or the shield of coax cable. Simple operation provides pass/fail indication before or after installation.

- Simple one-button operation.
- Clear Red/Green LED indication of short or open conditions.
- Remote terminator allows testing of cables before or after installation.
- Standard BNC and F type female connectors.
- Battery-operated (9V included).
- CE Compliant.

Description	Cat./UPC No.
Coaxial Cable Tester	45055

Modular Cable Tester/Tone Generator



Open or shorted pairs and general mis-wires can be quickly diagnosed with the 468 Tester. Why spend hundreds on a high-end tester when all you really need are basic functions? The 468 Modular Cable Tester rises above the competition with its unique features including a built-in tone generator.

- Connect any 8-position modular plug to the appropriate jack on the transmitter and a sweeping tone signal is applied to all pairs.
- At the far end of the cable, use any Progressive Electronics inductive amplifier (probe) to locate the corresponding plug or jack.
- Connecting the receiver unit automatically activates the test process.
- Sequencing red and green LEDs provide fast, accurate, and simple to understand results.
- Identifies opens, shorts, reversals, transposed pairs and will even alert the technician if connected to an active circuit (without harming the unit).
- 1-year warranty.
- Battery-operated (9V not included).

Description	Cat./UPC No.
Modular Cable Tester	468/08661
Case for the 468	468C/60382

Harrier ISDN tester



The Harrier ISDN tester is portable and designed for simple, one-handed operation facilitated by three control keys located in the handle section: select, scroll and clear.

The Harrier is for use by technicians installing, commissioning or maintaining Basic Rate ISDN circuits and equipment. The unit includes POTS function.

The Harrier features a two-line backlit display, a telephone style keypad and two LEDs indicating B1, B2 channel active (green) BER Test sync (yellow) and out of sync (red). Key presses are confirmed by audio tones, and a separate microphone and 7.5cm loudspeaker provides for loud-speaking and hands-free operation.

- ISDN U &S/T interface.
- PSTN Z Interface (POTS).
- Private circuit - no protocol.
- S Bus passive monitor.
- X.25 D channel packet.
- NT1 Emulation.
- Simple 3 key operation.
- Backlit 2 line 32 character display.
- Menu selectable protocol and language.
- Field upgrade by software download.
- Full duplex hands-free operation.
- Cause code and message display.
- Events logging and management.
- High impact plastic body with silicone rubber hand/shoulder grip and substantial all metal belt clip.

Harrier ISDN tester options

Description		Cat./UPC No.
Harrier 2B1Q + POTS		M0310-41
Options:		
Serial Interface Kit:	The Harrier will train to the U bus and provide service to TEs on the S bus. All D channel activity is output on the serial port.	M0191-00
D channel passive monitor:	The Harrier can be used as a passive D channel monitor, in order to diagnose problems on the S interface. The D channel traffic is displayed on the LCD and output to the serial port in real time. This process does not alter the behaviour of the S bus under test.	M0192-00
D-View Protocol Analysis	This windows based programme turns the Harrier into a sophisticated protocol analysis tool.	M0193-00
D Channel packet test:	Full X.25 packet testing and debug.	M0194-00

Swan S-bus Wiring ANalyser



Swan is a two-part system comprising a transmitter and a receiver for diagnosing wiring problems such as crossed wires, open circuits and short circuits in cables consisting of up to 8 wires. It can also be used for indicating and measuring ISDN (S Interface) power sources. The cable under test is connected to the transmitter unit via its 8-way RJ45 socket, while connection to the receiver unit can be via its 8-way RJ 45 plug or the plug-in sockets. The SWAN is powered from a 9 volt battery fitted in the transmitter unit, and will provide at least 100 hours of testing if an alkaline type is used.

- Diagnoses ISDN wiring problems.
- Detects 8-wire cable faults.
- Battery powered.
- Two piece kit.

Description	Cat./UPC No.
Swan Wiring ANalyser	M0186/00

DigAlert™ 360/350

The DigAlert 360 and 350 feature DigAlert™ technology, which is the result of several years spent working with operators in the US to overcome the problem of network intervention.

Networks now contain a mixture of analogue, digital and power circuits that can only be safely maintained with DigAlert™ enabled equipment. High revenue digital circuits can easily be taken out of service by the old generation test telephones.

Nautilus
range

The instruments are contained in a unique plastic shell, brand-named Nautilus, which is designed to 'breathe' via a revolutionary membrane system. This protects the functional elements from moisture ingress, caused by variations in atmospheric pressure due to temperature changes.



DigAlert™ 360
Two way hands free

The DigAlert™ 360/350 is packed with electronic and mechanical design features that no other supplier can offer. At the top of the range, the 360 features two-way hands free operation (listen and reply) while the DigAlert™ 350 features loudspeaking capability (listen-only). The patented non-conductive belt clip improves user safety and allows one-handed quick release.

- Three year warranty.
- High fidelity hands-free operation.
- Digital circuit safety.
- Excessive voltage alarm.
- Automatic lock-out.
- Loudspeaker listening.
- Volume boost.
- Microphone mute.
- Confirmatory key beeps.
- Talk/Monitor status LED.
- Battery low audible tone.
- Tone/ pulse.
- Redial (10x24 memories).
- Flash.
- Pause.
- Super Hi Z polarity.
- Super Hi Z monitor.
- High monitor level.
- Warble ringer.
- Four selectable ringer tones.
- High impact resistance.
- High chemical resistance.
- Quick change cord.
- Quick change battery.
- Easy shoulder placement.
- Rugged belt clip.



DigAlert™ 350
Loudspeaking

Description	Cat./UPC No.
DigAlert™ 360 International (4mm bunch pins, small crocodile clips)	M0400/10
DigAlert™ 360 with UK plug	M0400/01
DigAlert™ 350 International (4mm bunch pins, small crocodile clips)	M0402/10
DigAlert™ 350 with UK plug	M0402/01

The Alert 330/340 with Digital Services Protection (DSP)



Alert 340
Loud speaking

Alert 330

The Alert test telephones 340 and 330 are available for use where DigAlert™ technology is not required or necessary. With this notable exception, all the other features and benefits of the DigAlert™ 360/350 are included.

Both test telephones offer similar functionality. The 340 has the additional benefit of a loudspeaker.

The Alert 330 and 340 feature Digital Services Protection (DSP), and are designed to operate safely in situations where telephone wiring may be carrying digital traffic, voltage feed to remote electronics or the hazardous voltages that result from fault conditions or misuse of the cable.

As with the DigAlert™ 350 and 360, the Alert 330 and 340 are contained in a unique plastic shell, brand-named Nautilus, which is designed to 'breathe' via a unique membrane system and safeguard the functional elements from water, dust, impact and temperature change.

Description	Cat./UPC No.
Alert™ 330 International (4mm bunch pins, small crocodile clips)	M0406/10C
Alert™ 330 with UK plug	M0406/01C
Alert™ 340 International (4mm bunch pins, small crocodile clips)	M0404/10C
Alert™ 340 with UK plug	M0404/01C

DigAlert™ Probe



The only probe known to be waterproof, the DigAlert™ probe is encased in a plastic shell with a unique membrane system that allows the product to 'breathe'. The membrane system also prevents the ingress of moisture, caused by pressure changes resulting from variations in atmospheric temperature.

The shell is designed with strengthening ribs to prevent damage if the probe is accidentally stepped on, and the equipment will float if accidentally dropped into deep water.

The DigAlert™ probe detects and alarms in the presence of digital traffic, acting like the monitor of a butt set. The instrument has an exceptionally loud loudspeaker output and usually precludes the need for any form of headset.

- DigAlert technology.
- 3 year warranty.
- Traffic monitor.
- Micro controlled.
- Key press timing.
- Confirmation tones.
- Battery-low warning.
- Auto shut off.
- Sealed electronics.
- Sealed battery.
- Large speaker.
- Wrist wrap.
- No switches.
- Crush proof.
- Chemical resistant.
- Breathes.
- Floats.
- Seal tests: submerged for 10 mins at 0.15m.
- Free fall tests: 6x3m, 1 on each axis; 60 x 0.33m, 10 on each axis; 240 x 0.15; 40 on each axis.

Description	Cat./UPC No.
DigAlert™ Probe	M0502/00

Compact DSP (Digital Services Protection)



The Compact DSP Test Set is designed to operate safely in situations where telephone wiring may be carrying digital traffic, voltage feed to remote electronics or the hazardous voltages that result from fault conditions or misuse of the cables. When set to OFF mode, on connection to a circuit, the test set sounds an alarm to alert the user to the presence of voltages above 75V DC (nominal). These voltages are usually present on circuits carrying digital services. If the circuit is active, the user can select MONITOR mode and listen to the sound to determine if the circuit is carrying digital services without disrupting the traffic. Selecting TALK mode will stop the alarm signal and loop the line without damage to the test set. If the alarm signal persists, it indicates that the voltage on the line is above 120V (nominal). In this case the line is not looped, both avoiding damage to the test set and alerting the user to the presence of hazardous voltages.

- Safe with data lines.
- Rugged drop proof design.
- Protected against 230 VAC.
- Flat Battery - always ready feature.
- Over current protection.
- Battery saving auto power-off.
- Lightning surge protection.
- Three position volume boost.
- Finger tip microphone mute.
- Headset socket for hands free.
- 32 digit last number redial.
- Acoustic shock protection.

Description		Cat./UPC No.
Compact DSP	including battery and M0459/00 line cord	M0452/00
Headset	Connection of a headset provides hands free communication	M0459/20
Line Cord Options	Crocodile clips	M0459/00
	BT Plug	M0459/01
	RJ11 Plug	M0459/02
	Crocodile clips and ground start	M0459/03
	Alligator clips	M0459/10
	Alligator clips and ground start	M0459/11

DSTS2 Dual Standard Test Set



The DSTS range offers low-cost, user-friendly telephone testing equipment with durable, high-impact casing. Offering exceptional value for money, the DSTS2 has all the essential features, including 120V (nominal) Digital Services Protection (DSP) and is selected by network operators and customer equipment installers around the world for its reliability and ease of operation.

- Ground start/earth calling.
- Tone/pulse operation.
- Time break recall.
- Unlimited line voltage protection.
- High clarity electret microphone.
- MF/LD & TBR.
- Redial in tone and pulse.
- Polarity check.
- Sounder.
- Full operation at 10mA.
- Belt clip/hanging loop.
- High impact case.
- Easy non-slip shoulder placement.
- Protection against unlimited battery supply.
- High impedance monitor at normal listening levels.

Description		Cat./UPC No.
DSTS2 Dual Standard Test Set with UK Plug		M0028/00
DSTS2 Dual Standard Test Set International		M0028/34

DSTS5 Dual Standard Test Set



The DSTS5 is a field test telephone featuring local battery operation, talk battery output and ringing current generation. The product is approved to EN 55022, Limit B and EN 55011.

- Super high impact case.
- Central or local battery operation.
- Allows the direct attachment of lines to give power.
- Timed break recall.
- Off line memory retention.
- Automatic monitor before loop operation.

Description	Cat./UPC No.
DSTS5 Dual Standard Test Set	M0068/00

Talk 2



Combined with any test telephone, the Talk 2 provides the functionality of the DSTS 5 providing a ring generator and talk battery. It operates over 3000 Ohms loop resistance.

Description	Cat./UPC No.
Talk 2	M0088/00
TXRX7 Headset (optional)	M0074/00



Optional headset available.

Remote Control Loop 100

Nautilus
range



The RCL100 is designed to enable single man operation and comprises a switch and a commander unit providing the user with total control of the loop circuit. Switching modes are: to the exchange, open circuit, loop, or loop-the-line. The RCL100 is designed to operate with the Tone Generator 600J (page 27) and the Tone Probe 500J (page 25). When used with the 600J a tone can be applied enabling it to be tested and brought into service from a remote location.

Description	Cat./UPC No.
RCL100	M0553/00

FiberMeter™ Fibre Certification System

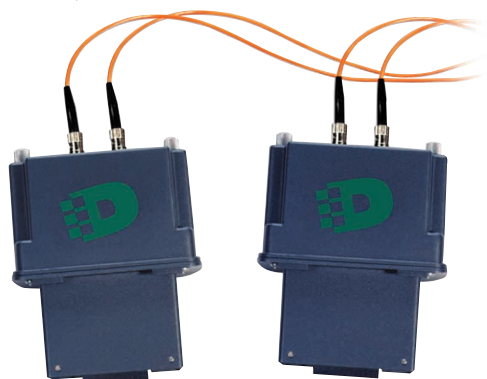


A complete system for field testing of premise wiring fibre links. For testing multimode fibre, FiberMeter™ provides automated measurement of optical loss and cable length, Pass/Fail certification against industry standards, detailed certification reports, and a built-in talk set. Also tests singlemode fibre, providing two separate precision power meters for measuring 1310/1550 nm optical power and loss. Operates from AA cells, AC/mains, or optional NiMH rechargeable battery packs. Includes thermoform handset covers, four test jumpers, ear-phones, AA batteries, AC/mains adaptors and a system carrying case.

- Test two multimode fibres with one setup.
- Pass/fail fibre certification.
- Measure bi-directional loss at 850/1300 nm.
- Measure link length to 2000 metres.
- Tests singlemode power/loss.
- Store 2000 link reports.
- PC report management software.

Description	Cat./UPC No.
FiberMeter™ Fibre Certification System 115V	55430
FiberMeter™ Fibre Certification System International	55431
FiberMeter™ Fibre Certification System 230V EURO	55432
FiberMeter™ Fibre Certification System 230V UK	55433
NiMH Battery Pack (for FiberMeter Handsets)	54459

FIBERcat™ Test & Talk Fibre Certification System



Converts any LANcat® System 5 or System 6 into a precision multimode optical loss test set. Measures dual wavelength, bi-directional multimode 850/1300 nm optical loss and link length on two cables simultaneously. Includes automated link loss budget calculation and automatic Pass/Fail determination.

- Tests two fibres with one Autotest.
- Measures bi-directional loss at 850 and 1300 nm.
- Measures link length and propagation delay.
- Stores 800 Autotest reports in LANcat handsets.
- Includes Report Manager PC software.
- Talk over multimode fibre.
- CE compliant.

Description	Cat./UPC No.
FIBERcat™ Test & Talk	54869
ST Fibre Test Kit (ST simplex launch cable 62.5/125u (2), ST bulkhead adaptors (2), alcohol pads)	54720
ST to ST Simplex Patch Cable (62.5/125u)	54870
ST to SC Simplex Patch Cable (62.5/125u)	54871

FiberLive™ Light Detector



FiberLive™ is a low-cost instrument for identification of live multimode and singlemode fibres. It works at the push of a button to detect light wavelengths from 630 nm to 1600 nm with visible and audible annunciators. Wide sensitivity from +25 dBm to -55 dBm. Patented light baffle accepts all standard fibre optic connector types, bare fibre or even a fibre loop. Typical operation of one year from 2 AA batteries. Includes automatic battery check.

- Simple one-button test.
- Works with any fibre or connector.
- Multimode or singlemode fibres.
- Audible and visible indicators.

Description	Cat./UPC No.
FiberLive™ Light Detector	55440

FIBERcat™ Optical Loss Test Kit



Converts any LANcat® System 5 or System 6 handset into a precision optical power meter for measuring fibre optic power or cable loss. Measures 850/1300 multimode and 1310/1550 nm singlemode from -50 to +3 dBm, with memory for multiple loss references and storage of up to 400 test results. Includes 850/1300 nm LED light source.

- Measures 850/1300 nm optical loss on multimode fibre.
- Includes 850/1300 nm LED light source.
- Measures 1310/1550 nm optical loss on singlemode fibre.
- Stores 400 Autotest reports in LANcat handset.
- Includes Report Manager Software.
- CE compliant.

Description	Cat./UPC No.
FIBERcat™ Optical Loss Test Kit Option	54653
ST Fibre Test Kit (ST simplex launch cable 62.5/125u (2), ST bulkhead adaptors (2), alcohol pads)	54720
ST to ST Simplex Patch Cable (62.5/125u)	54870
ST to SC Simplex Patch Cable (62.5/125u)	54871

LANcat® System Accessories

Description	Cat./UPC No.
NiMH Rechargeable Battery Pack	54459
Coax Cable Testing Module Option	54458
110 Block Connecting Module Option (T568A wired)*	54655
110 Block Connecting Module Option (T568B wired)*	54657
BIX Block Connecting Module Option (T568A wired)*	54691
BIX Block Connecting Module Option (T568B wired)*	54693
Handset Cover (LANcat System 5 handsets)	54741
Installers Kit (NiMH battery packs (2), System 5 handset covers (2))	54742

*Category 5/Class D testing.

MicrOTDR™ Optical Fault Locator



MicrOTDR™ provides fast, easy, and accurate identification of loss points/faults and length for multimode and singlemode fibre optic cable. Using 1310 nm laser OTDR technology, MicrOTDR takes less than 6 seconds to identify the distance to 6 optical events, plus the cable end. Easy identification of faulty connections, cable breaks, bad splices, breaks, and tight bends in installed links. Initiate all tests with a single key operation. Simple and inexpensive way to check fibre spools for length and flaws. Minimum measurable length is 30 metres (100 feet). Delivers over 13,000 tests from four AA batteries. ST-style output connection.

- Measure cable length to 20 km.
- Identify distance to 7 loss points/faults.
- Distance accuracy of +/- 2 metres.
- Singlemode and multimode operation.
- Check fibre reels for length and defects.
- Troubleshoot installed fibre.

Description	Cat./UPC No.
MicrOTDR™ Optical Fault Locator	55446

Laser Sources

2-YEAR
WARRANTY



Ra Series Laser Light Sources are the most compact, rugged, and stable laser sources for testing singlemode fibre. Mil-grade, hermetically-sealed laser diodes and a unique fibre coupling technique yields superior output stability of better than 0.10 dB over 10 hours of operation. Two AA batteries provide power for over 36 hours for 1310 nm operation and 80 hours for 1550 nm operation. Screw-on universal connector adaptor allows easy accommodation to any standard connector type and simplifies cleaning of the connector interface. Sources come with an ST connector adaptor, with optional adaptors for SC and FC connectors available. Protective rubber boot provides drop/crush protection. Other options include dual-instrument carrying case, and an AC/mains power converter.

The 1310 nm Laser Source provides the most common singlemode operating wavelength. The Dual Laser Source combines stabilised 1310 nm and 1550 nm laser sources in one unit, with the convenience of a single output port.

- Superior output stability.
- Ultra-low power consumption.
- Low battery indication.
- Continuous and modulated output modes.

Description	Cat./UPC No.
1310 nm Laser Source	55444
Dual Laser Source	55442
ST Universal Connector Adaptor (for laser light sources)	55453
SC Universal Connector Adaptor (for laser light sources)	55454
FC Universal Connector Adaptor (for laser light sources)	55455
SC Snap-On Connector Adaptor (for laser light sources)	55449
FC Snap-On Connector Adaptor (for laser light sources)	55447
AC/Mains Power Converter, 120V (for light source & power meters)	55465
Dual Instrument Carrying Case	55471

Dual LED Source

2-YEAR
WARRANTY



The Ra Series Dual LED Source is a precision, highly stable source for testing loss on multimode fibre. A single unit combines 850 nm and 1300 nm wavelength LED sources with output drift less than .05 dB per hour. Two AA provide power for over 24 hours, providing greater convenience and saving on frequent battery replacements. Features a protective rubber boot for drop/crush protection and integral output connector dust-caps. Precision snap-on connector adaptors allow easy accommodation to standard connector type and simplifies cleaning of the connector interface. The Dual LED Source includes two ST connector adaptors, with optional SC and FC connector adaptors available. Other options include a dual-instrument carrying case, and an AC/mains power converter.

- 850/1300 nm calibrated wavelengths.
- Palm-sized, battery-operated.
- Superior output stability.
- Low power consumption.
- Continuous and modulated output modes.
- Snap-on connector interface adaptor.

Description	Cat./UPC No.
Dual LED Source	55445
ST Snap-On Connector Adaptor (for LED sources & optical power metre)	55448
AC/Mains Power Converter, 120V (for light source & power metres)	55465
Dual Instrument Carrying Case	55471

Optical Power Meters

2-YEAR WARRANTY



Ra Series optical power meters cover the full range of optical fibre applications for the measurement of multimode and singlemode power and loss. A proprietary DSP microprocessing design provides N.I.S.T traceable, ± 0.25 dB accurate measurements from -15° C to $+50^{\circ}$ C with better than 2 second settling time. The InGaAs photodetector provides superior temperature stability and exceptionally flat wavelength responsivity at the 1310 nm and 1550 nm windows, ideal for WDM applications. References at each wavelength are separately stored. The precision snap-on connector adaptor allows the instruments to easily accommodate industry standard connector types and simplifies cleaning of the connector interface. The Dual LED Source includes an ST connector adaptor, with optional SC and FC connector adaptors available. Two AA batteries provide power for over 100 hours. Other options include a dual-instrument carrying case, and an AC/mains power converter.

The MM/SM Optical Power Meter is calibrated at 850 nm, 1300 nm, 1310 nm and 1550 nm, and has a power range of +3 to -60 dBm. The ideal power meter for general purpose fibre optic testing including premises wiring links.

The High Intensity Optical Power Meter is calibrated at 980 nm, 1310 nm and 1550 nm, and has a power range of +27 dBm to -30 dBm. Designed for testing of high power, long wavelength applications, such as WDM and CATV.

- Palm-sized, field portable.
- 0.01 dB resolution.
- Rugged, splash-resistant.
- 100 hour battery life.
- Set and store references.
- Selectable auto-shut off.



Description	Cat./UPC No.
MM/SM Optical Power Meter	55443
High Intensity Power Meter	55441
AC/Mains Power Converter, 120V (for light source & power meters)	55465
ST Snap-On Connector Adaptor (for LED sources and Optical Power Meter)	55448
Dual Instrument Carrying Case	55471

FiberProbe™ Visible Fault Locator

2-YEAR WARRANTY



FiberProbe™ is a low-cost, pocket-sized tool for detecting microbreaks in singlemode and multimode fibre. Features both continuous and pulsed operation to aid fault detection even in high ambient lighted areas. High power output allows detection of fibre breaks up to 3 km away. "Quick connect" interface accepts any 2.5 mm ferrule, thus allowing adaption to most connector types. Snap-on adaptors also available for attachment to ST, SC, and FC connectors. Operates for over 48 hours from two AA batteries. Includes integral dust cap and nylon, belt-mounted carrying pouch. Pinpoints cable breaks and bad connections and features an ultra-bright, 635 nm visible laser.

Description	Cat./UPC No.
FiberProbe™ Visible Fault Locator	55439
ST Snap-On Connector Adaptor (for FiberProbe)	55451
SC Snap-On Connector Adaptor (for FiberProbe)	55452
FC Snap-On Connector Adaptor (for FiberProbe)	55450