

Acterna OFI-2000 Family Bi-Directional Optical Loss Test Set



Setting a new standard for Optical Handhelds

The OFI-2000 is designed for the professional installation, verification, maintenance and repair of large optical networks.

All in One

- Link Loss measurement
- Link Length/Delay time measurement
- System Power measurement
- SMS (short message system)
- Optical Return Loss(optional)
- Visible Fault Location (optional)
- 45 dB dynamic full duplex talkset (optional)

Built-in Fiber Optic Xpert (FOX) Functionality

The OFI-2000 can measure, store and transmit Link Loss, Link ORL and Link Length.

With just one press of the FOX button calculate the average loss and the ORL automatically against user-definable thresholds and at both wavelengths (1310 and 1550 nm).

Compatible with other Acterna products

The OFI-2000 offers all the measurement facilities of the high performance handheld family including TWINtest, and auto- λ (wavelength).

Cable result management and reporting

The OFI-2000 manages the test results and provides 3 levels of reporting:

- 1 Job Summary
- 2 Cable Summary
- 3 Fiber details

Optical interface/ connector flexibility

Several optical interfaces, connectors and adapters are available. Universal or fixed connectors, APC or PC-interface can be chosen for the loss test port, the power meter and the talkset, Exchangeable adapters are provided for the most common 2.5mm connectors. The UPP (universal push pull) interface for the VFL and the power meter covers all 2.5mm connectors - FC, SC, DIN, E-2000, etc.

OFI-2000 offers:-

- Bi-directional loss measured in under 15 sec.
- Fiber Optic Xpert (FOX) functionality
- Telecom / CATV applications
- Length/Delay measurement
- Loss test set with 60 dB dynamic range
- Stand alone high accuracy power meter
- 1310/1550nm Laser Source
- Optical Return Loss Tester
- Full duplex talkset with 45 dB dynamic range
- Short message functionality
- VFL capacity
- Up to 13 hrs. Operation from rechargeable battery
- Cable result management for up to 40 cables with more than 1000 results



Optical Fiber Installation Tester

Product information

To ensure optimal use (bi-directional measurement and communication).
Two OFI units are required.

General information

The OFI 200X unit is delivered as standard with a B&W LCD screen, RS232 interface and cable, neck strap, AC/DC adapter, soft case, one battery pack with 6 dry batteries, user manual, lens tissue (1x30 pcs) and connector cleaning sticks (5 pcs). The basic functions are bi-directional 1310/1550nm loss test, stand alone power meter and delay/length measurements.

Base unit types

OFI 2001	1310/1550nm OFI Tester: Telecom (stand alone power meter with +10 to - 70 dBm)
OFI 2002	1310/1550nm OFI Tester: CATV (stand alone power meter with +23 to - 60 dBm)

Base unit options

OFI/Col	Color Display Option
OFI/VFL/UPP	VFL option with UPP fixed connector

Accessories for OFI family

OFI/RB	Rechargeable Battery (can be charged with OFI/ACDC)
OFI/AC/DC	AC/DC Adapter
OFI/CASE	Additional OFI Soft Case
OFI/CL	Cigarette Lighter Power Adapter
OFI/CCS	Connector Cleaning Sticks (5 pcs)
OFI/OCT	Optical Connector Cleaning Tape
OFI/SCT	Spare Cleaning Tape for OFI/OCT

Optical Connectors for the loss test set

One connector must be specified when ordering an OFI unit	
Standard fixed connectors:	FC/PC, SC, ST, DIN, E2000, EC, FC/APC, SC/APC, DIN/HRL, E2000/HRL
Universal connectors:	UNI/PC/NAD PC connector or UNI/APC/NAD APC connector with use of adapters UNI/FC/AD, UNI/SC/AD, UNI/ST/AD or UNI/DIN/AD (2060/00.XX type).

Optical Adapter for Stand alone Optical Power Meter

One Optical Adapter provided as standard: the same type as the loss test set connector	
Other adapters are also available:	A/ (SMA, FC/PC, Diamond, Biconic, DIN, VFO, ST, SC, EC, E2000, UPP2.5mm and UPP 1.25mm (2014/00.XX type)).

For more information on test adapters, cables and fiber optic couplers, see the separate datasheet: Fiber Optics Test Adapters and Cables



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