











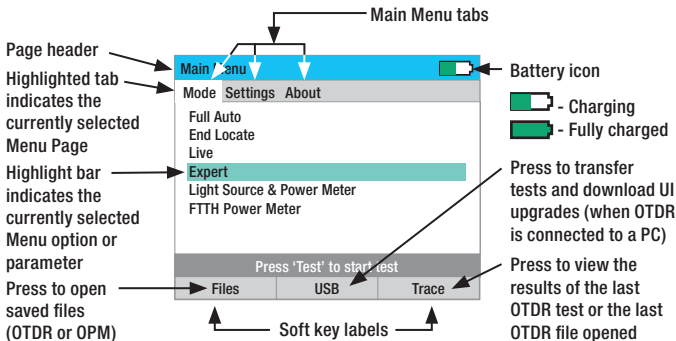
OFL280 OTDR Quick Reference Guide

OFL280 Keys

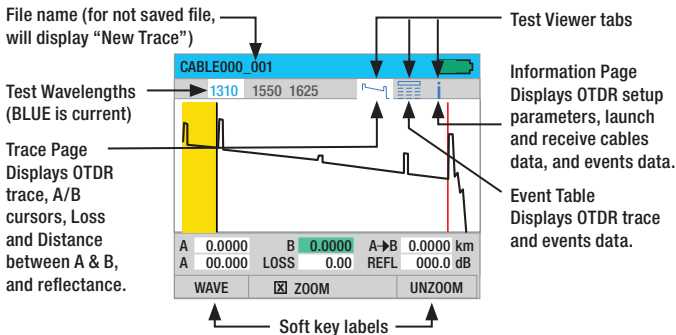
Key	Name	Key Function
	Power	Press and hold (approx. 2 sec.) to turn the OFL280 on or off.
	VFL	ON - Press and hold (approx. 2 sec.), VFL indicator will turn on and flash. OFF - Press and hold (approx. 1 sec.), VFL indicator will switch off.
	Menu	Press to access the Main Menu.
	Left & Right Tab keys	Press to display the next/previous available Menu Tab or Test View Tab.
	Arrow (Navigation) keys	The arrow keys provide several functions as follows: <ul style="list-style-type: none"> • In the Main Menu, these keys are used to navigate menus and change setup parameters. • In the Trace Page: In the Zoom mode, these keys are used to adjust zoom. In the Move mode, Left and Right keys are used to move cursors.
	Select	This key provides several functions as follows: <ul style="list-style-type: none"> • In the Main Menu, press this key to display a submenu (if available). • In the Trace Page, press this key to toggle the active cursor between A and B.
	Back	Press once to return to the previous page. Press one or more times, depending on which menu or editor submenu is displayed, to return to the Main Menu.
	Test	Press to start or stop a test.
	Save	Provides several functions: Save the currently displayed test results. Set current folder. Set current file name. Review results.
	Soft keys	The label shown above each key on the display indicates the current use of each function key. Press to activate the currently designated function.

OFL280 Display Features

Menu Page



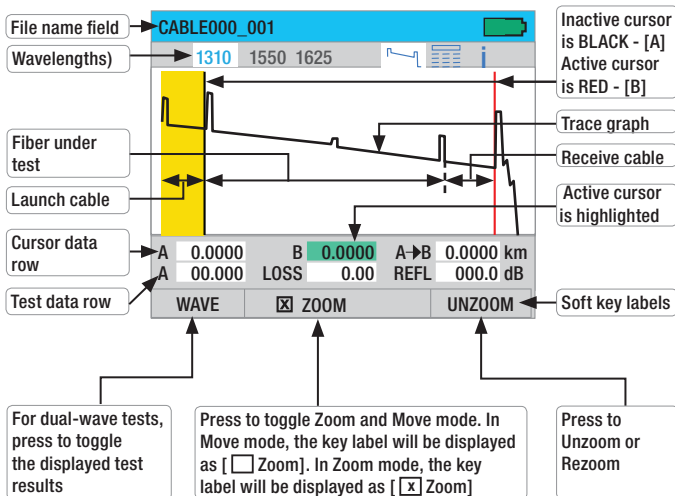
Trace Page



OFL280-103 FTTx Installation OTDR model shown

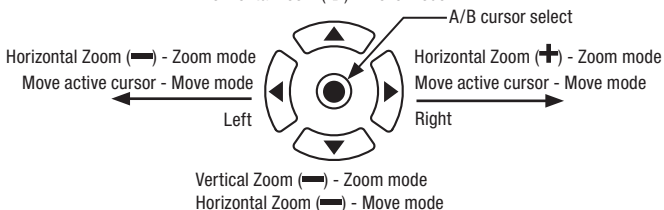
OTDR Mode: Trace Page Features

The illustration below describes the Trace Page features.



Key definitions

Vertical Zoom (⊕) - Zoom mode
Horizontal Zoom (⊕) - Move mode





Running OTDR Tests & Viewing Results

To Start a Test

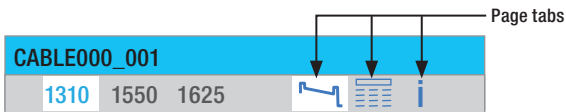
- Press  - Test key

To Stop a Test

- Press  - Test key. If pressed before trace appears, it will stop the test and display the setup menu. If pressed after trace appears, it will stop the test and show the partially completed trace.
- Press the  Back key. The OFL280 stops the test and displays the setup menu.




Selecting the Test View

The OFL280 test results can be displayed in one of three different Views or Pages. Each Page presents a different view of the current or saved test. Each Page is identified by the corresponding tab as illustrated below.



To display the desired Page for viewing, use Left and Right Tab keys 

Test Views (Pages) Description

Icon	Name	Description
	Trace	Displays OTDR trace, A/B cursors, Loss and Distance between A and B cursors, and reflectance.
	Event	Displays OTDR trace and events data: location in user selected units of measure, type, reflectance and insertion loss in dB. Press ▲▼ to jump to next / previous event.
	Information	Displays OTDR setup parameters. Allows view or change fiber, test cable, and threshold settings and re-calculate the event table. NOTE: Changes will apply only to the open file. They will not impact other saved files or the next test.

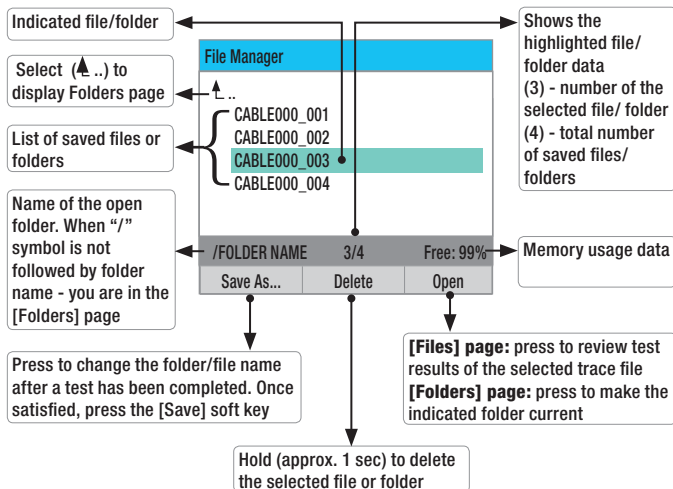
Saving Test Results

File Manager System

The OFL280 File Manager system consists of three pages as follows:

Page Name	Description
Folders page	Displays a list of saved folders in OFL280 internal memory. Used to select the current folder or delete folders.
Files page	Displays a list of saved files in the current folder. Used to open or delete previously saved test results, copy files, and save the currently displayed test results to an existing folder.
Save As page	Displays the current folder and file name. Used to name and save current test results to an existing or a new folder.

File Manager - Folders and Files Pages



Saving Test Results

File Manager - Save As Page


The diagram shows a 'Save As...' dialog box with the following fields and buttons:



- Folder:** NEWFOLDER001 (highlighted)
- File name:** CABLE000_001
- Path:** /NEWFOLDER001/CABLE000_001
- Buttons:** Files, Cancel, Save

Callouts from the left side of the image point to these elements:

- Highlighted block indicates the currently selected character (points to the '1' in NEWFOLDER001)
- Folder name FIELD - user set (points to NEWFOLDER001)
- File name FIELD - user set (points to CABLE000_001)
- Current Folder/File name that will be used next time you press [Save] (points to the path)
- Press to display the File Manager (points to the Files button)
- Press to exit Save As page (points to the Cancel button)
- Press to save with the displayed Folder/File name (points to the Save button)

Saving Results

- 1 Once a test is complete, press  to display the [Save As] page.
- 2 Perform the following steps to save to an Existing folder or save to a New folder:

Existing Folder	New Folder
<ul style="list-style-type: none">• Press  or [Save] soft key to save with the currently displayed Folder and File name.	<ul style="list-style-type: none">• Use ◀▶ keys to indicate (highlight) any character position within the Folder name field or File name field.• Use ▲▼ keys to change the highlighted character.<ul style="list-style-type: none">- If the Folder name is edited to a name that already exists, then pressing the [Save] (soft or hard) key will save the current results in this folder and make this folder current.- If the File name is edited to a name that already exists in the current folder, then pressing the [Save] key will cause the OFL280 to display "Overwrite file?".• If the Folder name is edited to a new name, then pressing the [Save] key will cause the OFL280 to create a new folder of this name. Note: This is the only way to create new folders!• When done, press  or [Save] soft key.

Light Source & Power Meter

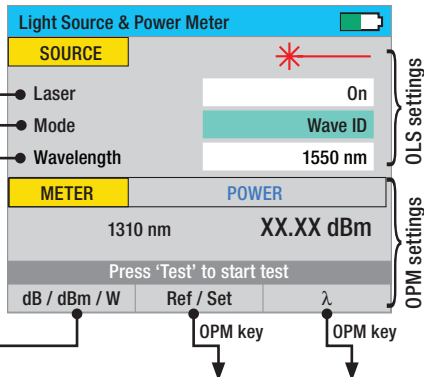
Use ▲▼ to navigate

Use ◀▶ to change

Turn laser On/Off

Select test mode: CW, 1 kHz tone, 2 kHz tone, or Wave ID

Select wavelength



OLS settings

OPM settings

OPM key

OPM key

OPM key

Press to toggle units: dB to measure loss, dBm or W to measure power

Hold to set OPM reference level

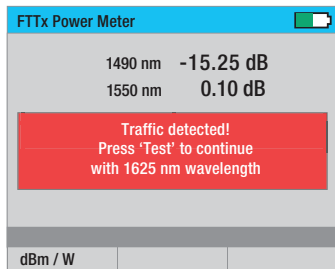
Press to toggle OPM wavelength

FTTx Power Meter (OFL280-103 only!)

In FTTx Power Meter test mode, an OFL280-103 OTDR measures power levels as standard FTTx power meter at 1450 and 1550 nm.

In any of OTDR test mode, an OFL280-103 OTDR will perform the following:

- If a live fiber is detected, the FTTx Power Meter screen is displayed. Press the - Test key to continue testing at 1625 nm
- If a live fiber is not detected, an OFL280-103 OTDR will continue testing at the selected wavelength.



Opening a File for Review

Opening Files (Reviewing Saved Results)

- Access the File Manager - [Files] page.
- Use ▲▼ keys to highlight the desired file.
- Press the [Open] soft key to display test results.

Transferring Files to your PC

To transfer files from your OFL280 to a PC using a USB cable, perform the following:

- 1 Connect your OFL280 to a PC using a type A to Mini USB cable. Make sure the mini-plug is fully seated in your OFL280.
- 2 Press the [USB] soft key on the OFL280.
- 3 From your PC desktop, open My Computer. A new removable drive named [OFL X:] will appear, where 'X:' is the drive letter assigned to your OFL280.
- 4 Under [OFL X:] you should see two folders: [RESULTS] and [SOFTWARE]. Copy the [RESULTS] folder to your PC.
- 6 Under [RESULTS] you will see: [TRACES]. Under [TRACES] you will see all of the folders containing traces.

Note:

Before removing the USB cable connecting your OFL280 to your PC, or pressing the [Cancel] soft key on the USB page, left click the Safely Remove Hardware icon in the Start bar of your PC, then left click the Safely remove USB mass storage device – Drive (X:) message, where 'X' is the drive letter assigned to your OFL280.

For detailed operating instructions, please refer to the complete OFL280 User's Guide supplied with your OFL280 OTDR. Also, the OFL280 User Guide can be downloaded from our web at www.AFLtele.com/go/Noyes.



A Division of AFL Telecommunications

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