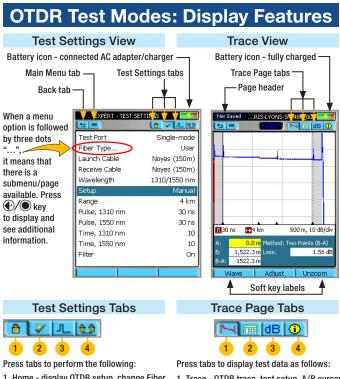


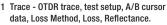
OTDR Testing Quick Reference Guide

Keys

Reys				
Key	Name	Key Function		
	Power	Press and hold (approx. 1 sec.) to turn the OTDR on or off		
*	VFL	ON 2 Hz - Press and hold (approx. 2 sec.) LED will flash ON CW - Press and hold (approx. 4 sec.) LED will be solid OFF - Press and hold (approx. 1 sec.) LED should be OFF		
	Menu	Press to access the Main Menu		
++	L and R Tab keys	Press to display the next/previous available Menu Tab or View Tab		
\blacklozenge	Arrow keys	 The arrow keys provide several functions as follows: In the Home and Settings pages and Main Menu, these keys are used to navigate menus and change setup parameters In the Trace page, these keys are used to move the cursors In the Zoom Adjust page, these keys adjust vertical and horizontal zoom levels In the LSA Adjust page these keys move cursors and adjust zoom levels 		
or Or	Enter	 This key provides several functions as follows: In the Main Menu; press this key to open a test mode, Results Manager, Settings, Job, or Last Results In the Trace Page, press this key to toggle between [A] and [B] cursor 		
	Back	Press one or more times, depending on which menu or editor submenu is displayed, to return to the current mode Home page		
	Test	Press to start or stop a test		
	Save	Press to save the currently displayed test results		
	Backlight	Press to set level of brightness (M700, C850)		
\bigcirc	Soft keys	The label shown on the display above each key indicates the current use of each function key		



- 1 Home display OTDR setup, change Fiber and Cable ID parameters.
- 2 Settings define OTDR test setup.
- 3 Event define Events settings and Pass/ Fail Settings.
- 4 Job Settings define Job, End Locations, and Operator parameters.



- 2 Event OTDR trace; event Location, Type, Reflectance, Loss, event Pass/Fail (if On).
- 3 Summary OTDR trace, ORL (SM), Link Length, Loss, link Pass/Fail (if turned On).
- 4 Job Info setup parameters of the currently displayed trace.

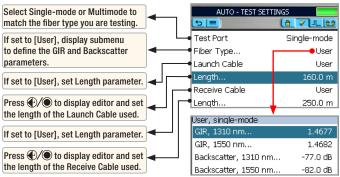
Test Settings: Full Auto OTDR

Core Settings - Full Auto Mode settings are common for all OTDR Test Modes and will be referred to as Core Settings.

Parameter	Definition
Test Port	This parameter indicates that a multimode or single-mode laser is used to generate an OTDR trace.
Fiber Type	This parameter is used to set fiber type which determines the GIR and Backscatter Coefficient.
Launch Cable (Launch Cord)	A test cable used to connect the OTDR to the near end of the link under test that is long enough to allow the OTDR to measure the loss of the first connection.
Receive Cable (Tail Cord)	A test cable used to terminate the far end of the link under test that is long enough for the OTDR to measure the loss of the last connection.

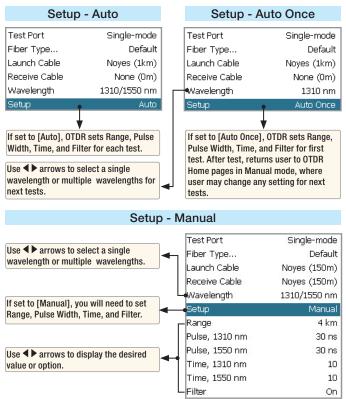
Keys used

Key Symbol	Key Name	Key Function	
	Up/Down Arrows	Navigate up/down the list of parameters	
▲ ► Left & Right Arrows		Display available options	
enter		Display a submenu or editor	
۲	Back	Return to the previous menu	



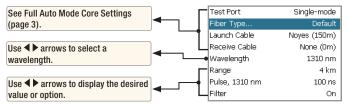
Test Settings: Expert OTDR

In addition to Core Settings (Full Auto Mode settings), the Expert test mode allows you to set the Wavelength, Range, Pulse Width, Averaging Time, and Filter parameters.

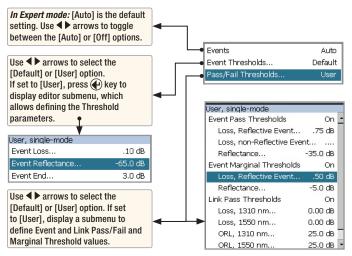


Test Settings: Real-Time OTDR

In addition to Core Settings, the Real Time mode allows you to set the Wavelength, Range, Pulse Width, and Filter parameters.



OTDR Event Settings

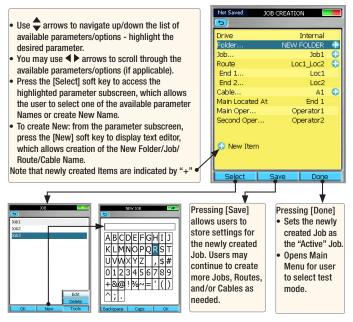


Setup: New Job Creation

The New Job utility mode is available for creating new jobs (setting up a file structure and defining the fiber under test location: Drives, Folders, Jobs, Routes [End Locations], Cables, Test Equipment Location, and Operators). The New Job utility menu is accessed from the Main Menu by tapping the New Job touch screen icon or pressing the [New Job] soft key.

If the active job does exist in the job hierarchy, the Job Creation screen displays the settings of the active job. Users may modify settings to create new Folder, Job, Route, Cable, and Operators.

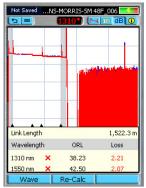
If the active job does not exist in the job hierarchy, the Job Creation screen displays settings set to "--". Users may identify Drive and create new Folder, Job, Route, Cable, and Operators.



OTDR Event Table & Summary Results

Event Table and Summary Results are generated together. Set Mode to Full Auto or set Mode to Expert and Events to Auto.

Not SavedN5-MORRIS-SM 48F_006						
		_	ł.			
			_	- 0		
	Location (m)		Туре	Refl (dB)	Loss (dB)	
	0.0 m	4	₩-	-51.18	0.30	
	610.2 m	×	~		0.60	
	913.3 m	Δ	_L	-56.10	0.46	
	1,522.3 m	4	-+	-53.68	0.36	
	75.					
	Wave		Re-Ca	lo Di	elete Evt	



Shown with Pass/Fail Thresholds enabled

Saving a File



Save

After completing a test, press Save key to save file in current folder with name established in the set up process.

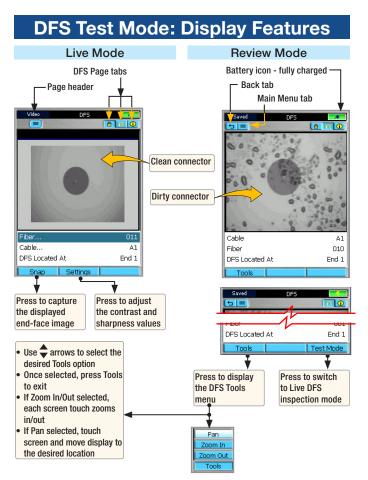


Save-As

To change the folder, job name, or other parameter after a test has been completed, go to the Job

Information tab **1** and make the changes. Once satisfied, press the Save key. Changes only apply to the current test.

Drive	USB		
Folder			
Job	SNHU		
Route	LYONS_Loc2		
Cable	SM 48F		
OTDR Located At	End 1		
Fiber	013		
OTDR Operator	SUZY		
Second Operator	MARK		
GIR, 1550 nm	1.4682		
Backscatter, 1550 nm	-82.0 dB		



DFS Test Mode: Display Features

DFS Inspection Test Mode Tabs and Pages



Press tabs or use \bigstar key to display the desired DFS page and perform the following:

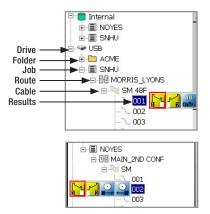
- 1 Home page activates Live DFS Inspection mode that allows capturing the displayed fiber end-face image.
- 2 Results page display captured end -face image.
- 3 Job Settings displays fiber ID information and allows the user to define Job, End Locations, and Operator parameters.

Opening Saved Results for Review

Access Results Manager from the Main Menu by pressing the [Results]-

soft key.

Test results are saved as files that are stored in Cable folders. Cable folders are organized into Route, Job, and Drive folders.



OTDR test results are saved in .SOR file format and displayed on

the "file tree" as



OPM power and loss readings (M700 and C850 only!) are saved in .ATD file format and displayed

on the "file tree" as

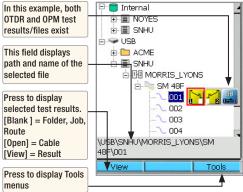


DFS fiber end-faces images are saved in .JPG file format and displayed on the "file tree" as



9

Opening Saved Results for Review



• Use the 🖨 arrows to navigate up/down the list of folders/files

- Use the ◀▶ arrows to expand/contract the selected Drive/ Folder/.lob/Route/ Cable
- To open saved test results, navigate to the desired file, and then press [Open]
- Use Tools menu to copy, create or delete jobs, files and folders

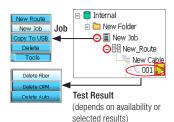
Copy or Delete Test Results using Tools menu

To Copy test results:

- Highlight the desired Job or Folder
- Press [Tools]
- · From the [Tools] menu. select [Copy to USB1

To Delete test results:

- Highlight the desired test result
- Press [Tools]
- From the [Tools] menu, select [Delete]



For detailed operating instructions, refer to the complete User's Guide supplied on a CD with your OTDR.

Also, the complete User's Guide, software updates, and additional application information may be downloaded from our web at www.AFLglobal.com/go/NOYES.

www.AFLglobal.com/go/NOYES, (800)321-5298 or (603)528-7780

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