6. Configuring both Platforms for data storage

1. Press the **File** key FILE and press the lower softkey until **Setup** is selected 

.
2. Step through the following, selecting and entering specific data relating to your test:

- **Fiber ID** (whatever ID you choose. It will be followed by Fiber # on each file)
- **Direction** (one unit should say A to B & the other should say B to A)
- **Fiber Number** (enter the first fiber # of the ones you will be testing)
- **Location A** and **Location B** (here you can name each location)
- **Cable ID** (whatever ID you choose)

3. Press the lower soft key until **Explorer** is selected 

.
4. If you will be storing results in the Hard Drive, select hard drive (alternatively, if using USB memory stick, insert it and select it) and press the softkey **Create Directory**. Enter your directory name and press **Save**.
5. Then select that directory and all your results will be stored in that location.

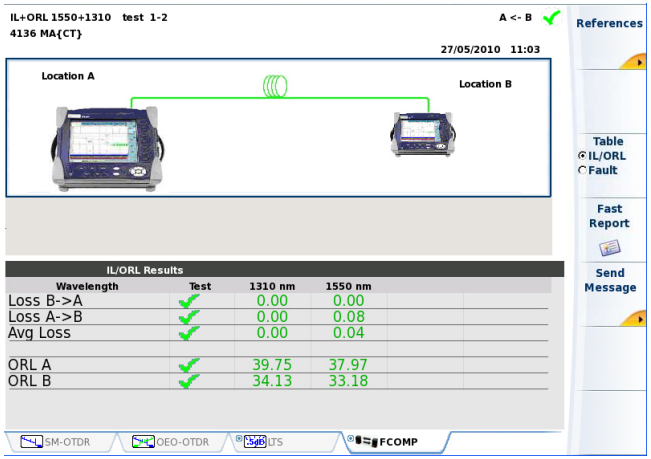
7. Performing the measurement

As soon as the secondary (2) unit is connected to the fiber, the primary (1) unit detects it (& vice-versa).

1. Press **Start/Stop** key START/STOP to launch the measurement.

The test sequence can be initiated from one or the other unit. No additional intervention is necessary until the end of the measurement cycle. At the end of the test, all results are available at the same time.

In bidirectional mode, the OTDR results trace for acquisition performed from Location A to Location B is stored on the primary unit (Location A) and the OTDR results trace for acquisition performed from Location B to Location A is stored on the secondary unit (Location B).



FiberComplete Results: Fiber View

2. Disconnect the fiber.
3. Connect the next one, then test by pressing the green **Start/Stop** key START/STOP.

6000 / 6000A / 8000 V2 PLATFORM

QUICK CARD

FIBERCOMPLETE: BIDIRECTIONAL IL/ORL, DISTANCE & BIDIRECTIONAL OTDR MEASUREMENT

The following procedure outlines how to use the 6000/6000A/8000 V2 Platform with FiberComplete function on OTDR B or C module, to fully qualify a fiber link: bidirectional IL, bidirectional ORL, length/distance and OTDR.
These measurements are performed to ensure that the fiber link meets performance levels that support network equipment (transmitter/receiver) specifications.

Please read the entire procedure BEFORE starting.

8000 V2/6000(A) - Quick Card "FiberComplete: Bidir. IL/ORL & Bidir. OTDR Measurement" – Ref 760000031/00 – April 2013 – © 2013 JDSU Corporation

1. Inspect and clean connectors

Before connecting a fiber into a test module, inspect and clean the module bulkhead and the fiber jumper connectors.

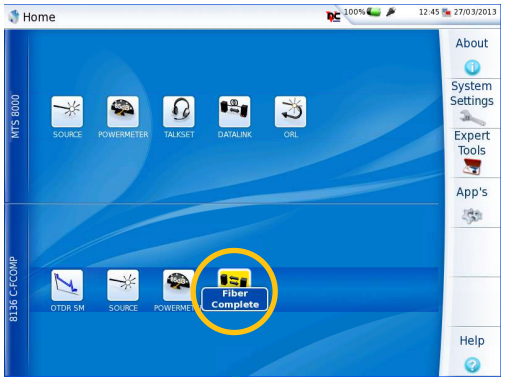
- Use standard single fiber patch cords.
- Use video inspection scope / probe to inspect connector endfaces for dirt and/or damage.
- Inspect ALL connectors including bulkheads and test ports

2. Connect and turn both units on

1. Connect a fiber jumper to the main module port of each product.
2. Press the **On/Off** hard key (ON OFF) to turn both units on and wait the completion of auto-test (~ 45 seconds).

3. Activate the FiberComplete function on both products

1. Press the **Home** hard key and use the arrow keys or touchscreen to select the Fiber Complete function (doesn't display Fiber Complete until you select it) .



Home page

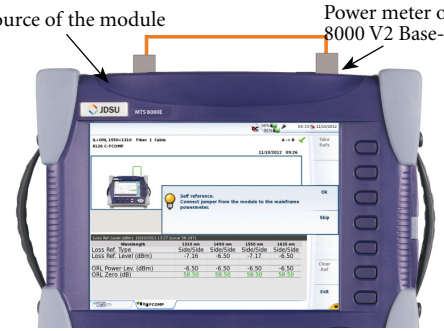
2. Press **Result** (RESULTS) to go to the FiberComplete result page.

4. Perform the referencing

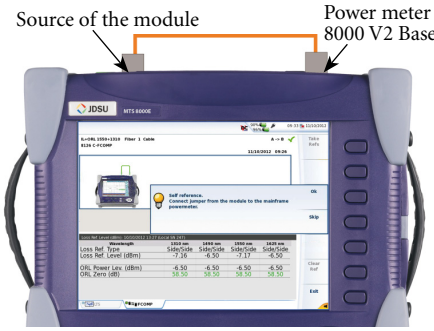
The references are valid for all fibers that will be tested during the day with the same patch cords. The patch cords should not be disconnected from the main module port, otherwise a new reference will need to be performed

The Power Meter option is mandatory onto the 6000(A)/8000 V2 Mainframe.
Each test equipment must set its own references and conform to the following process:

1. Press **Results** key (RESULTS).
2. Press the soft key **References** (References) and then **Take Refs** (Take Refs) and follow the step by step instructions to perform references on each unit.
3. Choose **Loopback** for your loss referencing method.
   The loopback referencing is used when the two units are at different location. After clicking on **Loopback**, the wizard will guide you through two steps:
4. The self reference is used for loss and ORL testing. Connect the jumper from the module port to the mainframe powermeter and press **Ok** to start referencing.



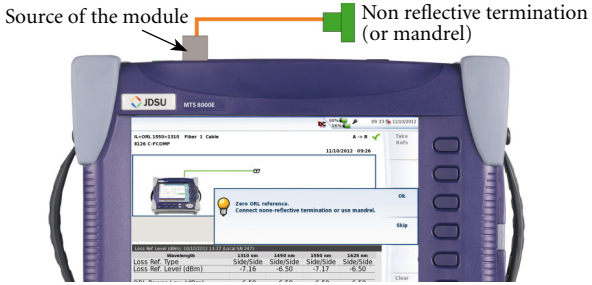
MTS/T-BERD 8000 V2 (1)



MTS/T-BERD 8000 V2 (2)

The reference values are stored and displayed at the end of referencing

5. The zero ORL reference is necessary for ORL testing. Once the self reference measurement has been carried out, the Zero ORL adjustment can be performed
   Connect the jumper from the module port to the non-reflective termination via a mating sleeve. If you don't have a non-reflective termination, a mandrel can be used. Press **Ok** to start referencing.



Non-reflective terminations are mandatory when bend insensitive jumpers are used.

5. Configuring both Platforms to perform the measurement

1. Press the **Setup** key (SETUP) and set the **Acquisition** parameters to:
   - Laser "**1310 & 1550 nm**"
   - IL/ORL Measurement "**IL/ORL Bidir.**"
   - OTDR Measurement: "**Bidir.**"
   - OTDR Acquisition: "**Auto**"
2. Set **Results Screen** to:
   - Table View **Cable** or **Fiber** depending on what is being tested.
   - Thresholds "**User 1**": define your own thresholds at each wavelength based on your network requirements for Loss and ORL.

1 Acquisition	
Laser	1310/1550 nm
IL/ORL Measurement	IL/ORL Bidir
OTDR Measurement	Bidir.
OTDR Acquisition	Auto
Fault Finder	No

2 Display	
Table View	Cable
Thresholds	USER 1
Loss	
ORL	

FiberComplete Setup menu

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