

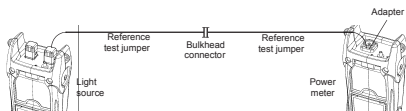
# OPTRONICS QUICK REFERENCE GUIDE

## DBMETRE / WATTMETRE OPTMKIT-2

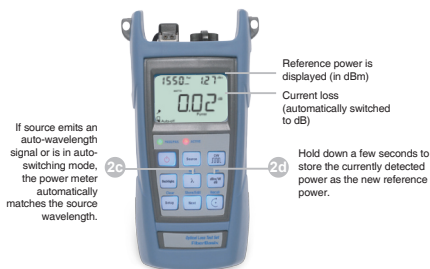
### MEASURING POWER OR LOSS

Measuring absolute power or loss is done the same way, except for the referencing step.

- 1 Check and clean your fibers appropriately.
- 2 For loss measurements, reference your power meter to a light source as follows:
  - 2a Using the proper adapter, connect as shown.



- 2b Activate the source at the desired wavelength.



- 2e Repeat steps 2a to 2d for each wavelength you want to reference (if you use the auto-switching mode, the power meter automatically references wavelengths one at a time).

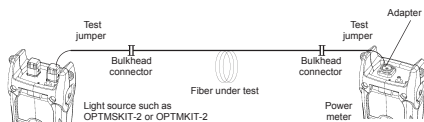
Note : When using dB units, press **[λ]** to display the current wavelength for a few seconds. To change this wavelength, press **[λ]** again while it is displayed.

Note : Once all desired wavelengths have been referenced, do not disconnect the Reference test jumper from the source port.

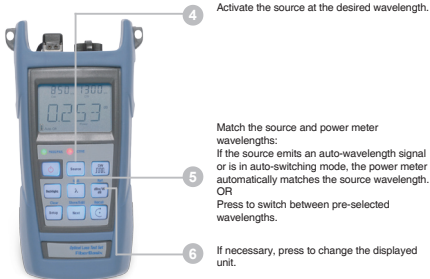
- 2f Deactivate the light source.

- 3 Connect the fiber under test as shown.

Note: If you have referenced your power meter to a source, simply connect a fiber under test to the test jumpers used for referencing.



- 4 Activate the source at the desired wavelength.




- 7 Repeat the procedure for other wavelengths.

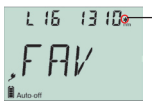
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## SETTING PARAMETERS

### Defining a List of Favorite Wavelengths

- 1 From normal operating mode, press  repeatedly to access the PM menu.



Indicates a wavelength already existing on the list.






- 2 Press to access the list submenu.  
3 Press repeatedly to access the FAV menu.




- 5 Press to include/exclude the displayed wavelength.  
4 Press to switch between available wavelengths.


- 6 Edit the wavelengths as follows:



- 6a Hold down a few seconds. The first digit of the wavelength blinks.  
6b Select a character to change by holding  until it blinks.  
6c Hold down  a few seconds to save the modified value (it remains in memory even when you turn off the unit).  
OR  
Press  to return to the previous value without saving.

- 7 Press  twice to exit setup menus.

### DEFINING THE PASS/FAIL THRESHOLDS

- 1 From normal operating mode, press  repeatedly to access the PM menu.



- 2 Press to access the list submenu.  
3 Press repeatedly to access the P/F menu.




- 4 Press to switch between power (dBm) and loss (dB) values.  
5 Press to switch between available wavelengths.


- 6 To activate/deactivate threshold.


- 7 Edit the pass/fail thresholds as follows:



- 7a Hold down a few seconds. The first digit of the wavelength blinks.

- 7b Select a character to change by holding  until it blinks. After the last digit blinks/all digits blink; you may add/remove the "-" sign by pressing

- 7c Hold down  a few seconds to save the modified value (it remains in memory even when you turn off the unit).

OR  
Press  to return to the previous value without saving.

- 8 Press  twice to exit setup menus.

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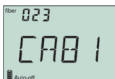
## MANAGING DATA

### SAVING DATA

- 1 If you want to view or change fiber ID:
- 1a From normal operating mode, press **[FIB]** or **[C]** to view the fiber ID that will be used next.
- 1b Change the fiber ID by using **[FIB]** and **[C]** to move forward or backward in the list.



Hold down a few seconds to save the measured value under the selected fiber ID.



### RECALLING DATA

- 3 Press to return to normal mode.
- 4 Hold down until the Recall indicator appears, then the cable name and the last saved value and its fiber ID.
- 2 When fiber ID is displayed, hold down a few seconds to return to the cable name list. Use **[FIB]** and **[C]** to select the cable and the values in which you want to recall saved data.
- 3 View values you want by using **[FIB]** and **[C]** to move forward or backward in saved data. You can also change the units by pressing **[UNIT]**.



Hold down until the Recall indicator appears, then the cable name and the last saved value and its fiber ID.

When fiber ID is displayed, hold down a few seconds to return to the cable name list.

Use **[FIB]** and **[C]** to select the cable and the values in which you want to recall saved data.

### SETTING AUTONAMING SCHEME

- 1 From normal operating mode, press **[MENU]** repeatedly to access the DATA menu.



Press to access CAB1 or the last cable name edited.

Hold down until the first character of the cable name blinks.



- 4 Select a character to change by holding **[FIB]** until it blinks, then increase its value by pressing **[C]** (it returns to 0 after Z).



Hold down a few seconds to save the modified value (it remains in memory even when you turn off the unit).

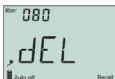
OR

Press **[C]** to return to the previous value without saving.

- 6 Press **[EXIT]** twice to exit setup menus.

### DELETING DATA

- 5 To delete the selected cable name, hold down a few seconds.
- 4 OR To delete all saved values, hold down both **[FIB]** and **[MENU]** a few seconds.
- 1 Hold down until the Recall indicator appears, then the cable name and the last saved value.
- 2 When fiber ID is displayed, hold down a few seconds to return to the cable name list. Use **[FIB]** and **[C]** to select the cable and the values in which you want to recall saved data.



### USING AUTO-SWITCHING MODE

- 1 Press to activate the source.
- 2 Press to switch between available modulations until the Auto indicator blinks on your display.

