Optical Power Meter Manager

Software User Manual

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1. Installation of USB Virtual COM Port driver software

Select and double click to execute the file, “VCP_V1.3.1_Setup” in the provided CD, see picture below. Follow instructions prompted on PC to complete the installation.

2. Installation of Optical Power Meter Manager Software

Select and double click to execute the file, Optical_Power_Meter_Manager_V1.4.3_Setup.exe in the provided CD, see picture below.

Click on [Next] to continue with the installation.

Click on [Next] to install the programs in the default directory or click on [Change] to change install directory.

Click on [Finish] to complete program installation.

3. Connecting Optical Power Meter to PC (Personal Computer) and launching Optical Power Meter Manager

Connecting Optical Power Meter to PC

Connect Optical Power Meter to PC using the provided USB cable. Switch on Optical Power Meter and the instrument's USB Driver will be installed on PC.

The USB Driver (STMicroelectronics Virtual COM Port) and its associated COM Port can be viewed with Device Manager of the PC's Window Operating System, see picture below.

Launching Optical Power Meter Manager

Double click on file, "Optical_Power_Meter_Manager_V1.4.0_Setup.exe" in the directory where the Data Manager Software was installed.

Alternatively, launch the Optical Power Meter Manager by double clicking on the Optical Power Meter Manager Icon on PC's desktop.

4. Operation instructions

4.1 Optical Power Meter Manager's User Interface

Picture below shows the User Interface of Optical Power Meter Manager upon launching the software.

4.2 Tool Bar Operations: COM, Connect, Get Data, Save Data, Graph Data

COM

If the correct USB virtual COM port has not been selected

automatically by Optical Power Meter Manager when it was launched, manually select the appropriate port number. Refer to section 3 to find out which COM port to select. “COM5” should be selected in the example.

Select Device and Connect

First of all you should select your device type. And Click “Connect” to initiate communications between Optical Power Meter and PC. The system information of Optical Power Meter will be listed on Information Tab as shown in picture below.

Get Data

Click this to list all the test data files stored in Optical Power Meter on Data Tab, see picture below.

Save Data

Select the desired test record file, test data saved in the record file will be displayed on Data tab. If the cursor not on the specific data then an error will be occurred.

To save the selected test data to record file on PC, first click on the test data that you want to save. And click on Save Data Icon on the Tool Bar like the picture below.

Default save directory: data will be saved in the same directory in which the Data Manager is installed.

Default save file name: P/N_date/time of record saved.txt.
Example) Optical Power Meter_20120809202732.txt

Graph Data

Select the desired test record file and click on Graph Data. A pop-up window showing test data in graphical form will be displayed; see picture below.

Setting

Set the general settings.

[General tab]

Display Unit : Wavelength(nm)/Frequency(THz).

Select the wavelength unit of the measurement data to be displayed.

4.3 Menu Bar operations: File, Device, Data, Setting, Help

File

Open: Open the saved data file.

Save: This has the same function of Save Data in Tool bar.

Exit: Click on this to exit Optical Power Meter Manager.

See picture below

Device

Connect: This has the same function of Connect in Tool bar.

Data

Get Data: This has the same function of Get Data in Tool bar.

Save Data: This has the same function of Save Data in Tool bar.

Graph Data: This has the same function of Graph Data in Tool bar.

Setting

Setting: This has the same function of Setting in Tool bar.

Help

About: show the information of this program.