

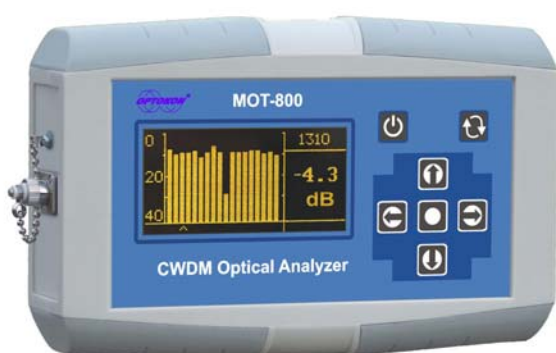
MOT-800

CWDM Optical Analyzer

Description:

The optical analyzer MOT-800 refers to selective power meters, it is designed to measure and control power level of optical signal during installation and operation of CWDM networks. The MOT-800 can measure all 18 CWDM channels, which meet the requirements of ITU-T G.694.2. The measurement results can be displayed as graphically and in tabular form and transferred to a computer for report preparation.

High-impact dust and waterproof the unit is designed for reliable operation under field conditions. Easy to use, low cost, reliability and small size distinguish it from other devices for testing CWDM networks.



Features:

- Portable design
- User friendly operation
- Quick analysis of CWDM channels
- Tabular and graphical display of the results of measurement of power for 18 channels
- Control from PC
- Storage of a large number of readings in non-volatile memory device
- Software port for data download via USB
- OLED-display does not require a backlight
- The battery working time - up to 40 hours.

MOT-800M-18B-UPC

Specification :

Simultaneous measurement of all 18 CWDM wavelengths in real time mode	
Storing readings in nonvolatile memory device (up to 1000 values)	
Software for generating reports of measurements	
Selective power meter	
Dynamical range, dBm	-40 to +10
Measurement error, dB	0.5
Working wavelengths, nm	1270, 1290, 1310, 1330,1350, 1370, 1390, 1410, 1430, 1450, 1470, 1490, 1510, 1530, 1550, 1570, 1590, 1610
Loss of signal in adjacent channel, dB	25
Dimensions (WxHxD), mm	95 x 160 x 35
Weight, kg	0.45
Operating temperature, °C	-10 to +40
Humidity	95%
Power supply	AC/DC adapter, Li-ion battery backup
Battery working time, hrs	40

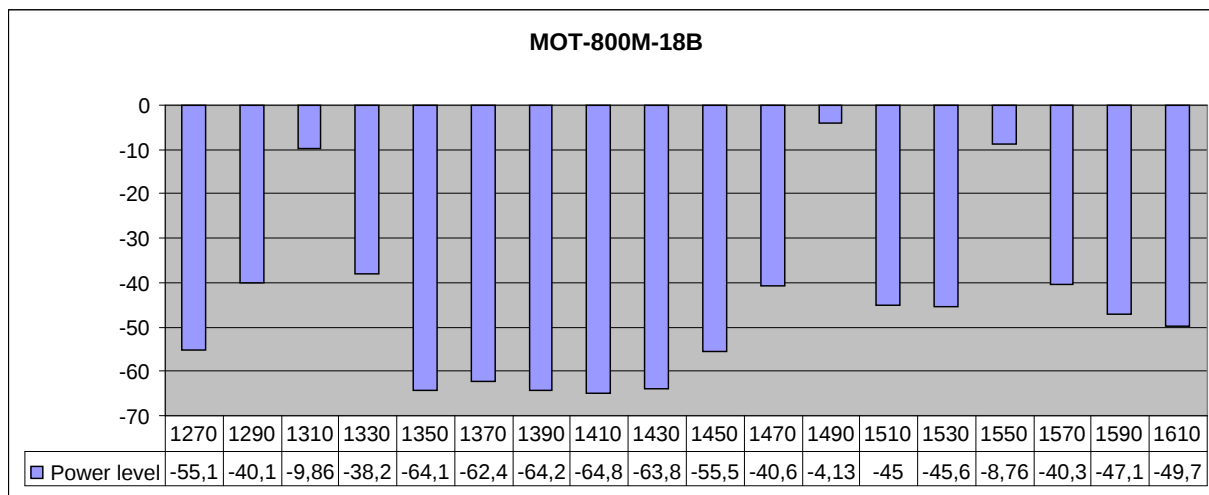
Ordering code:

MOT-800M-18B-UPC

CWDM optical analyzer, FC/PC connector

Application:

Optical power measurement at output from CWDM multiplexer, 3 channels active, absolute value:



1310 nm -9.86 dBm

1490 nm -4.13 dBm

1550 nm -8.76 dBm

Any other channels are not active.

Standard Accessories:

- Battery charger/adaptor 220 V AC
- Case-bag
- Manual
- CD with software
- USB cable

Options:

- Master patchcord