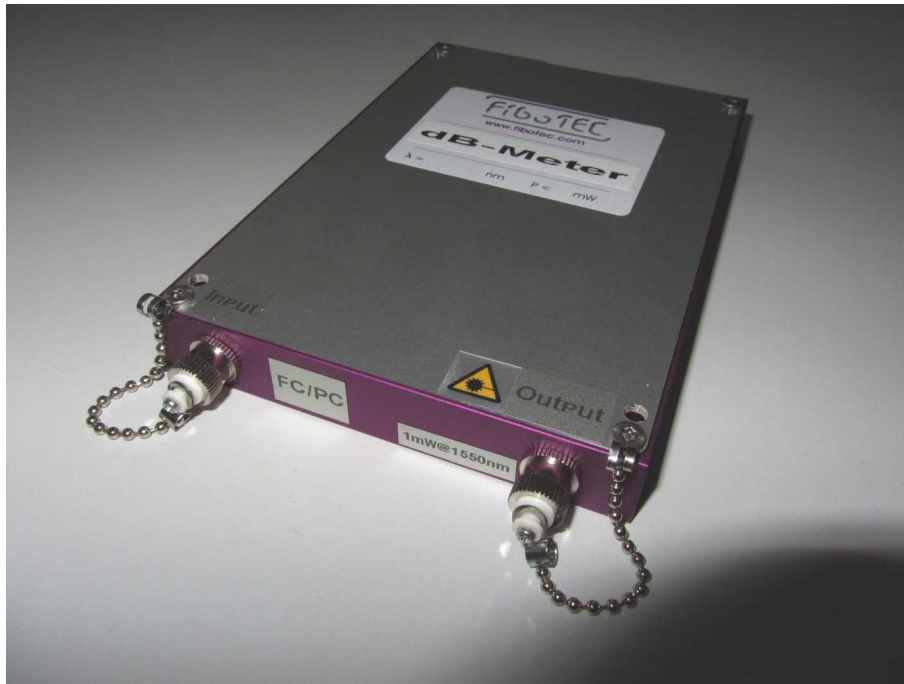


dB-Meter



Applications:

- monitoring of processes causing fast optical power changes
- 24/7 power monitoring
- testing of components

- **operation with internal stabilized light source or external light source**
- **flexible operation, 3 readout options**
- **USB powered**
- **high dynamic range**

The dB-Meter measures power stability and power changes across a wide dynamic range with high accuracy and high speed. A stabilized 1550nm light source is built in for quick and easy testing of passive components or local fiber loops. Alternatively light of external sources within a wavelength range of 780 nm-1650 nm can be used. The power signal is provided both through an analog interface (0 V – 3 V) and serial (USB) interface in a digital way. The measurement value is provided on command ("pull"), in fixed time intervals ("push") or self-triggered on a pre-defined level. No extra power supply is needed when connecting the USB-interface.



Specifications (@23°C)

source wavelength	:	typ. 1.55µm (special on demand)
receiver wavelength	:	780 nm – 1650 nm (InGaAs-detector)
dynamic range	:	1 nW – 1 mW
integration time	:	1ms - 1min
power	:	USB-powered
size	:	145x100x17 qmm
environmental cond.	:	non-condensing 5°C – 35°C (operation) -20°C – 60°C (storage)

Order information

dBm - 00 - C3rd - FCP

00	:	0dBm source
C3rd	:	C-band source
FCP	:	FC/PC-receptacle

Regulatory Compliance

CE