

General

The AP3110 series are high accuracy hand-held fiber optic power meters suitable for any type of power and loss measurements.

With 2 different models available, the AP3110 series enables measurements within the range of 800nm to 1700nm with a dynamic range varying between +33dBm and -70dBm.

The large LCD makes reading obtained results very easy and its ruggedized housing proves it to be the ideal instrument for harsh field applications.

The interchangeable adaptor permits to connect different connector types, and the AP3110 series can be connected to a computer thanks to its RS232 connector.



Features

- Large size LCD display
- High accuracy and long term stability
- Ruggedized design
- Power, attenuation and relative display
- Max/Min recording for power fluctuation test
- Powered by internal battery (2x1.5V) or external adapter
- Low battery indicator
- InGaAs detector types
- +33dBm measurement ceiling with the AP3116
- Excellent price-performance ratio!
- RS232 interface and monitoring software available

Specifications

Model	AP3113	AP3116
Detector type	InGaAs	InGaAs
Wavelength range	800nm to 1700nm	800nm to 1700nm
Operation wavelength (nm)	850, 980, 1310, 1480, 1550, 1610	850, 980, 1310, 1480, 1550, 1610
Measurement range	-70dBm to +10dBm	-50dBm to +33dBm
Accuracy	+/-3% (25°C, RH: 40% to 75%, after 15min warm up)	
Optical interface	Interchangeable (FC, SC, other types upon request)	
Resolution	0.01dB	
Operating Power	2 x 1.5V, (AA/LR6 batteries) or DC12V adapter - Battery life >60h	
Operating temperature	0°C to +40°C	
Storage temperature	-20°C to +70°C	
Dimensions and weight	Dimension : 180mm x 80mm x 25mm - Weight : <400mg	

Ordering information

AP3113 : InGaAs, 800nm to 1700nm hand held optical power meter +10dBm to -70dBm

AP3116 : InGaAs, 800nm to 1700nm hand held optical power meter +33dBm to -50dBm

AP3110-FC : FC adapter

AP3110-SC : SC adapter

AP3110-X : Other models upon request

Specifications are subject to change without notice.