Optical Power Meter ---------Model 3211

The Model 3211 is a hand-held optical power meter, which can be used for absolute optical power measurements as well as for relative loss measurements in optical fibers. A 1.0mm InGaAs photosensitive area photo-diode is used to significantly improve the stability and the reliability. It features and ergonomic appearance, a wide range of power measurement range, high accuracy, user self-calibration function and reference power level storage. The Model 3211 Optical Power Meter is available in both a standard power version, as well as a high power version, used in broadband/ CATV applications.

Features:

- 6 wavelength calibration, (850, 1300, 1310, 1490, 1550, and 1625nm)
- Available in normal (A version) and high power version (C version)
- Reference power level storage(Ref Setting)
- User self-calibration function
- Back-lit LCD display supports Low light and night operation
- Power measurements in dBm or mW and insertion loss in dB
- Long battery life operation, 140 hours on Alkaline
- Optional 10 minutes Auto-off function
- Optional battery charger available
- Low battery power indication

Applications:

- Maintenance in Telecom
- Maintenance CATV
- Test Lab of Optical Fibers
- Other Fiber Optic Measurements

Specifications:

Model	3211A	3211C
Wavelength(nm)	800 ~ 1700nm	
Detector Type	InGaAs	
Detector Size	ø1.00mm area	
Measurement Range (dBm)	-70 ~ +10	-50 ~ +30
Uncertainty	5%	
Calibrated Wave (nm)	850, 1300, 1310, 1490, 1550, 1625	
Resolution (dB)	.01 dB	
Optical Connector	FC(interchangeable SC, ST) / as well as 2.5mm universal	
Power Supply	Alkaline Battery(3 AA 1.5v batteries); AC adapter(9v)	
Battery Operating Time	140 hrs with 1.5V Battery(3 pcs)	
Operating Temperature(°C)	-10 ~ +60	
Storage Temperature(°C)	-25 ~ +70	
Humidity(%)	0 to 95% (non-condensing)	
Dimensions(mm)	190 x 100 x 50	
Weight(g)	370	
Traceability	NIST	