


## OPTICAL POWER METER

### APPLICATION & CONSTRUCTION

<b>Description</b>	 <p>Conducts accurate testing of singlemode optical fibre systems, with enhanced features including a large LCD display and damp &amp; shock-proof design. The internal microprocessor and linear amplifier technology ensure its long-time accuracy. This OPM tests quickly and easily on the network. It is convenient to use with its simple button operation and has a bright and clear display. dBm, dB and uW can be measured at 6 wavelengths: 850, 1300, 1310, 1490, 1550 and 1625nm.</p>
<b>Applications</b>	<ul style="list-style-type: none"> <li>• ATM-PON Monitor</li> <li>• Ethernet-PON Monitor</li> <li>• Hybrid-PON Monitor</li> <li>• Fiber attenuation testing</li> <li>• Telecommunications</li> <li>• FTTH ready</li> </ul>
<b>Features</b>	<ul style="list-style-type: none"> <li>• Test wavelengths: 850, 1300, 1310, 1490, 1550, 1625nm</li> <li>• Simple use, intuitive menu operation</li> <li>• Reliable basic functions for the most economic test</li> <li>• Fast responses, no warm-up needed</li> <li>• Compact, light, AAA battery</li> </ul>

### SPECIFICATIONS

Parameter	Unit	Typical	Note
Calibration wavelength	nm	850, 1300, 1310, 1490, 1550, 1625	
Detector	Type	InGaAs	
	Calibration accuracy	dB	±0.02 @-3dBm
	Power range	dBm	850/1300: +5~-50 1310/1490/1550/1625: +5~-60
Display unit		dB, dBm, uW	
Optical adaptor type		FC, SC, ST	
Data storage		None	
Data transmission		None	
Dimension	mm	88.5(W) x 57(H) x 19.5(d)	
Auto off Time	Min	10	

Parameter for Electric		Unit	Typical
Battery	Power	V	±0.02
	Life	hrs	100(Typ.)
Display			16 by 2 LCD with back lights
Operating temperature		°C	-20~75
Storage temperature		°C	-40~85