



LINK PON Power Meter

UF-2890 LINK PON Optical Power Meter is able to simultaneously test and estimate the signals of the voice, data and video. It is an essential and ideal tool for the construction and maintenance of the PON projects.

### Applications

- Can be experiment on Voice, data and video signal synchronous measurement and display with BPON/EPON/GPON technology.
- Providing simultaneous measurement for all three wavelengths on 1310nm, 1490nm, 1550nm.

### Features

- Used in Burst mode measurement of 1310nm upstream.
- Use the software connect with PC, setting the threshold, data transfer, and calibration the wavelength.
- Offers up to 10 different threshold sets in total, Three status LEDs represent different optical signal conditions of Pass, Warn and Fail respectively.
- 10 minutes Auto-off function can be activated or deactivated.
- Good key design, high sensitivity, greatly reducing the volume and weight of the tester.

### Order Information

Descriptions	Part Number
PON POWER METER, w/Power Meter function, Color Display	UF-2890

### Accessories

UF-2890	1unit
User Manual	1pc
USB	1pc
Soft CD	1pc
1.5VAA Battery	3pc

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## PON Specifications

1310 upstream measurement	
Pass Zone	1260nm~1360nm
Measurement Range	-35dBm~+10dBm
Output power	15dBm
Isolation@1490/1550	>40dB
Burst mode measurement error	<±0.5dB
1490 downstream measurement	
Pass Zone	1470nm~1505nm
Measurement Range	-40dBm~+12dBm
Output power	15dBm
Isolation@1310/1550	>40dB
1550 downstream measurement	
Pass Zone	1540nm~1560nm
Measurement Range	-40dBm~+25dBm
Output power	25dBm
Isolation@ (1310/1490nm)	>40dB
Measurement Accuracy	
Connatural uncertainty	±0.5dB
Linearity	±0.1dB
Passing through insertion Loss	<1.5dB
General Information	
Detector Type	InGaAs
Optical Connector	FC/SC/ST Interchangeable/2.5 universal adapter
Fiber Type	SM 9/125um
Measurement Unit	dB/dBm/xW
Resolution	0.01dB
Operation Voltage	DC 3.3V~5.5V
Power Supply	3pc1.5V battery
Continuously Operation time	PON : 90h OPM: 100h
Operation Temperature	-10°C~60°C
Storage temperature	-25°C~70°C
Weight	424g

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## Optical Power Meter Specifications

Measurement Accuracy	
Connatural uncertainty	±0.5dB
Linearity	±0.1dB
Measurement Range	-70dBm~+6dBm
General Information	
Measurement Unit	dB/dBm
Resolution	0.01dB
Calibration Wavelength	1310/ 1490/1550/1625
Detector Type	InGaAs
Optical Connector	FC/SC/ST Interchangeable/2.5 universal adapter