

# TC-36 OPTICAL POWER METER

-- Very Low Cost



850nm

1300nm

1310nm

1490nm

1550nm

1625nm

## I. Introduction

TC-36 Low-Cost Optical Power Meter is a self-developed test instrument which is widely used for installation, operation and maintenance of fiber-optic network. TC-36 can test optical power within the range of 800~1700nm wave length. There are 850nm, 1300nm, 1310nm, 1490nm, 1550nm, 1625nm, six calibrated wavelength.

## II. Layout



1. Wavelength
2. Power Value
3. Unit
4. Power Indication
5. Auto-Off
6. ON/OFF
7. Choose Wavelengths
8. Relative Mode
9. Absolute Mode
10. Detector

## III. Specification

Measurement Range (dBm)	-70 ~ +10	-50 ~ +26
Wavelength Range (nm)	800 ~ 1650	
Calibrated Wavelength (nm)	850nm, 1300nm, 1310nm, 1490nm, 1550nm, 1625nm	
Detector	Inga As	
Accuracy	<math>\pm 3\%</math> (-10dBm, 22°C)	
Resolution	Linearity: 0.1%; Non-linearity:0.01dBm	
Working Temperature (°C)	-10 ~ +50	
Storage Temperature	-20 ~ +70	
Relative humidity	90% (+30°C)	
Connector	Three Types: FC, SC/FC, FC/SC/ST	
Power Supply	3pcs AAA batteries	
Working Hours (h)	>120 (without backlight)	
Weight (g)	160	
Dimension (mm)	130×63×29	

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## IV. Connectors

### 1. OPM with only FC connector



### 2. OPM with interchangeable FC/SC connector



### 3. OPM with interchangeable FC/SC/ST connector



## V. Packaging

NO.	ACCESSORY	QTY.
1	Optical Power Meter	1 PCS
2	FC	1 SET (Different according to your own choice)
	FC/SC	
	FC/SC/ST	
3	User Manual	1 PCS
4	AAA Battery	3 PCS
5	Carrying Box	1 PCS



## VI. Ordering Information

Sub-Model	Measurement Range (dBm)	Connector
TC-36A	-70 ~ +10	FC
TC-36B	-50 ~ +26	
TC-36C	-70 ~ +10	FC/SC
TC-36D	-50 ~ +26	
TC-36E	-70 ~ +10	FC/SC/ST
TC-36F	-50 ~ +26	





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