

# TPV-53

Optical Power Meter & Visual Light Source



## Key Features

- Designed to meet any FTTx application
- integrates the Optical Power Meter and the Visual Fault Locator.
- The Optical Power Meter can measure dBm, dB and uW in the wavelength band of 850, 1300, 1310, 1490, 1550 and 1625nm.
- The Visual Fault Locator uses CW mode and Modulation mode and helps to detect the optical cable of up to 10km.
- Reliable basic functions for the most economic test



Anti  
fall



One  
key start



Automatic  
shutdown



Plug  
and play



6 calibrated  
wavelengths



VFL  
detection

# PRODUCT FEATURES



Drop-proof



Mini size



Dust resistant



VFL

## Specifications

PARAMETER FOR OPM		UNIT	TYPICAL	NOTE
Calibration wavelength		nm	850/1300/1310/1490/1550/1625	
Detector	Type		InGaAs	
	Calibration accuracy	dB	±0.02	@-3dBm
	Power range	dBm	850/1300/1310/1490/1550/1625: +10~-70dBm	
Display unit			dB, dBm, uW	
Optical adaptor type			2.5mm universal +SC,FC	
Dimension		mm	88.5(W)X57(H)X19.5(D)	
Data storage			None	
Data transmission			None	
Auto off		Min	5	
PARAMETER FOR VFL		UNIT	TYPICAL	NOTE
Central Wavelength		nm	650	Class 3b laser
Fiber compatibility			Single & Multi mode fiber	
Output power		mW	10	
Detection Distance		Km	10up	
Optical adaptor type			For SC,FC,ST	
PARAMETER FOR ELECTRIC		UNIT	TYPICAL	NOTE
Battery	Power	V	Alkaline Battery (3AA 1.5V batteries)	Typical in continuous mode
	life	hrs	50(Typ.)	
Display			LCD with back lights	
Operating temperature		°C	20~75	
Storage temperature		°C	-40~85	
Relative Humidity			95% RH from 0~40°C	Note

## STANDARDAR PACKAGE

## Description

TPV-53

TPV-53 main body, warranty card, User guide, FC+SC Connectors, Carry bag

### PACKAGING DISPLAY:



### CONTACT US:

OrientTEK Optical Communication Ltd.

### HEAD OFFICE:

Huaqiao Building, Qinheng Technology Park, North Bridge road,

Nanjing, Jiangsu, China

TEL: + 86 25 8687 0518

FAX: + 86 25 8687 0518

[www.orientekot.com](http://www.orientekot.com)

[sales@orientekot.com](mailto:sales@orientekot.com)

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