

TPV-53

Optical Power Meter & Visual Fault Locator



Key Features

TPV-53

- Designed to meet any FTTx application
- integrates the Optical Power Meter and the Visual Fault Locator.
- Reliable basic functions for the most economic test
- The Optical Power Meter can measure dBm, dB and uW in the wavelength band of 850, 980, 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

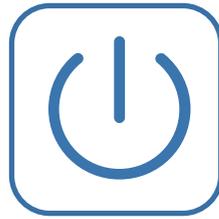
PRODUCT FEATURES



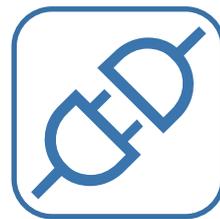
Anti fall



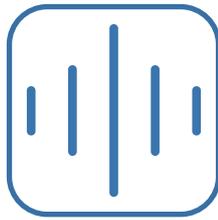
One key start



Automatic shutdown



Plug and play



7 calibrated wavelengths



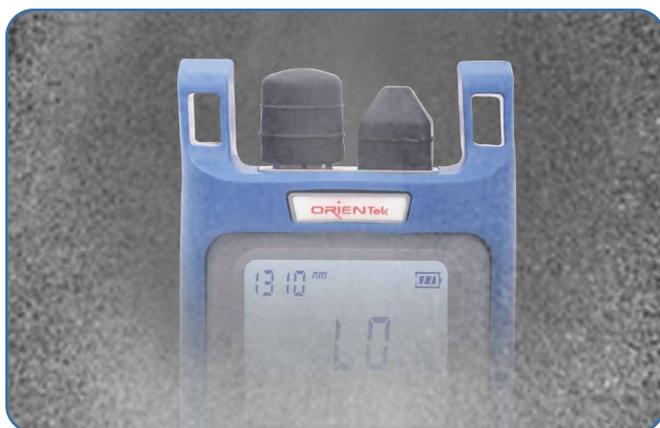
VFL detection



Drop-proof



Mini Size



Dust resistant



VFL

PRODUCT CONFIGURATION



PRODUCT PARAMETERS

PARAMETER FOR OPM		UNIT	TYPICAL	NOTE
Calibration wavelength		nm	850/980/1300/1310/1490/1550/1625	
Detector	Type		InGaAs	
	Calibration accuracy	dB	±0.02	@-3dBm
	Power range	dBm	+10~-70dBm/-50~+26dBm	
Display unit			dB, dBm, uW	
Optical adaptor type			2.5mm universal +SC	
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

CONTACT US:

NANJING ORIENTEK OPTICAL COMMUNICATION LTD.

HEAD OFFICE:

Jianshan Industry Park, Liuhe District, Nanjing, Jiangsu, China

Web: www.orientekot.com

Mail: info@orientekot.com

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