

DATASHEET

Optical Power Meter&VFL

2 in 1 More Convenient More Powerful



Stable Quality

Accuracy Test

18 months Warranty

YOU NEED IT!



RoHS



OMC INDUSTRY CO.LIMITED



Optical Power Meter&VFL: KF563

Specification:

This portable optical power meter with red light source is an accurate portable instrument with long service time specially designed for the installation, operation and maintenance of fiber-optical network. It features fine appearance, controllable backlight display, automatic power off, super wide testing range for optical power, high accuracy, self-calibration and universal interface. What's more, the linearity index(mW) and nonlinear index (dBm) will be displayed in a same screen. The optical power meter can be used alone for saving power.



Feature:

- Self Calibration
- Set the Auto Off
- Wavelength Memory function after turn off the tester
- High Accuracy, high ,High sensitivity, high linearity-
- Stable VFL Output
- USB Charge port
- FC,SC Connector
- 18650Li-ion Battery
- Lower power consumption design, long standby time
- Rubber Outshell, increased the protective properties for field work

TECHNICAL SPECIFICATIONS-OPTICAL POWER METER

Model	KF563-A	KF563-C
Measurement range	-70 ~ +10	-50 ~ +26
Type of probe	InGaAs	
Calibrated Wavelengths	850,1300,1310,1490,1550,1625 nm	
Uncertainty	±5%	
Resolution	Linear indication: 0.1% Logarithmic indication: 0.01dBm	
Working temperature (°C)	-10 ~ +60	
Storage temperature (°C)	-25 ~ +70	
Auto power-off time (min)	10	
working hours	At least 200 hours	
Dimensions (mm)	160x75x10mm	
Power supply	Rechargeable lithium battery	
Weight(g)	250	

TECHNICAL SPECIFICATIONS-VFL

Part NO.	KF563-1	KF563-10	KF563-20	KF563-30
Output Power	> 1mW	> 10mW	> 20mW	> 30mW
Dynamic Distance	3~5 km	8~10 km	> 10km	> 15km
Wavelength	650nm 20nm			
Operation Mode	Continuous (CW),2 Hz pulsed			
Connector	ST/SC/FC & 2.5mm Universal			
working hours	>50hours with 10mW&VFL work together			



Optical Power Meter&VFL: KF563

Products Details

- | | | |
|--------------|-----------------|------------------|
| ① Dust Cover | ② Power LED | ③ ON/OFF |
| ④ Wavelength | ⑤ Absolute Test | ⑥ Reference Test |
| ⑦ VFL | ⑧ LCD | ⑨ VFL LED |



1/10/20/30mw VFL

Optical Power Meter

Application:

1. Maintenance Telecom
2. Maintenance CATV
3. Test Lab of Fiber Optic
4. Optical fiber sensors



Package:



- | | | |
|----------------|------------------|----------------|
| ① Tester | ② Softcase | ③ Charger |
| ④ User Manual | ⑤ Li-ion Battery | ⑥ FC Connector |
| ⑦ SC Connector | | |



Optical Power Meter&VFL: OPMV-02

Specification:

This portable optical power meter with red light source is an accurate portable instrument with long service time specially designed for the installation, operation and maintenance of fiber-optical network. It features fine appearance, controllable backlight display, automatic power off, super wide testing range for optical power, high accuracy, self-calibration and universal interface. What's more, the linearity index(mW) and nonlinear index (dBm) will be displayed in a same screen. The optical power meter can be used alone for saving power.



Feature:

The optical power meter with red light of 10mW or 1mW features open self-calibration which could be operated by the user.

With two AA batteries, the optical power meter can work continuously for 40 hours. It can work continuously if working with a red light source of 10mW, or 42 hours with a red light source of 1mW.

the linearity index(mW) and nonlinear index (dBm) will be displayed on the same screen of the optical power meter.

Special universal interface for FC/SC/ST, easy to transformation.

Optional auto off.

Optional backlight display.

Optional steady/flashing red light.

TECHNICAL SPECIFICATIONS

Part No.	OPMV-02	
Measurable range	-70~+10dbm	
Probe type	InGaAs	
Wavelength range	800~1700nm	
Standard wavelength (nm)	850、980、1300、1310、1490、1550、1625	
Display resolution	linear display: 0.1% logarithmic display: 0.01dBm	
Working temperature (°C)	-10~+60°C	
Storage temperature (°C)	-25~+70°C	
Time for auto off (min)	10 minutes	
Continuous working time with batteries	No less than 40 hours	
Boundary dimension (mm)	180×83×28	
Power supply	Two chargeable lithium battery or AA alkaline battery	
Weight (g)	210g	
Suffix of the model	&1	&10
Output power of the red light	>1mW	>10mW
Output wavelength of the red light	650nm	
Optical fiber adapter of the red light	ST/SC/FC & 2.5mm Universal Adapter	