

JILONG
Since 1993



OPM-33V

OPM-33

OPM & VFL

◆ OPM & VFL

The OPM/VFL Combo is an all-in-one testing solution in the optic communications field. It is primarily used in optical cable installation and maintenance, telecommunication network deployment, and structured cabling systems. This tool delivers essential functions including fiber continuity testing, optical power measurement, and fault location. It provides communication engineers and network technicians with an efficient and convenient one-stop testing solution.

◆ Application scenarios



Structured Cabling System



Telecommunication Network Deployment



Cable Installation and Maintenance

◆ Two Series

SERIES

OPM

VFL

OPM-33V



OPM & VFL



OPM-33



OPM



◆ 4.3" HD Capacitive Touchscreen

Swipe to switch functions—3x faster than traditional buttons. The display remains clearly visible even in direct sunlight.



◆ 9 wavelengths to meet your requirements

Switch between 9 wavelengths with one key. A single tool that doubles efficiency by meeting all your cross-scenario needs.



◆ Powerful Beam. Effortless Trace

Locate fiber faults by their red glow from a distance—eliminating the need for close-up, section-by-section inspections and reducing repetitive climbing, crawling, and bending.



◆ RJ45 Network Wire Sequencing

Pinpoint every hidden flaw to build and maintain networks with greater efficiency.



◆ User-initiated Calibration

No More Ship-and-Wait. Just immediate diagnostics and controlled costs.



◆ Hidden Holder Design

Tackle handheld inaccuracy. Boost your efficiency. Minimize operator fatigue.



◆ Type-C Charging

Universal power. Unpacked convenience.



◆ 5000mAh High-capacity Battery

No matter the environment. No interruptions to your work.



◆ Built-in lighting for easier operation.

High-brightness built-in work light. Enables effortless cable work in low light



◆ All-Body Shock-Absorbing Rubber Casing

Rubber design reduces shock, falls, and bumps, protecting the machine



◆ Interchangeable Universal Port Design

Designed to sustain peak performance by cutting avoidable return costs and unplanned downtime.



◆ Supports FC, ST, SC, and LC Adapters



FC (Standard)



SC (Optional)



ST (Optional)



LC (Optional)

◆ Product Configuration

- ① Carrying Case x1
- ② OPM x1
- ③ Power Cord x1
- ④ RJ45 Remote Module x1
- ⑤ Shoulder Strap x1



◆ Product Display



Front

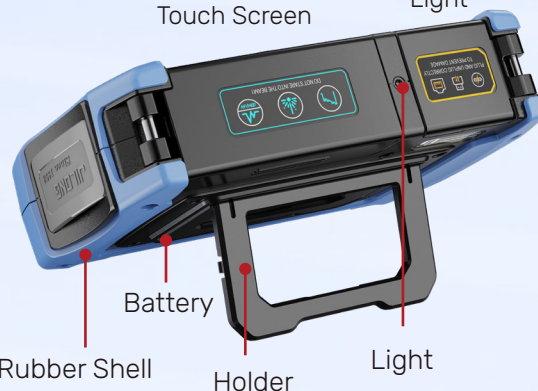


Capacitive Touch Screen

Working Indicator Light



Back

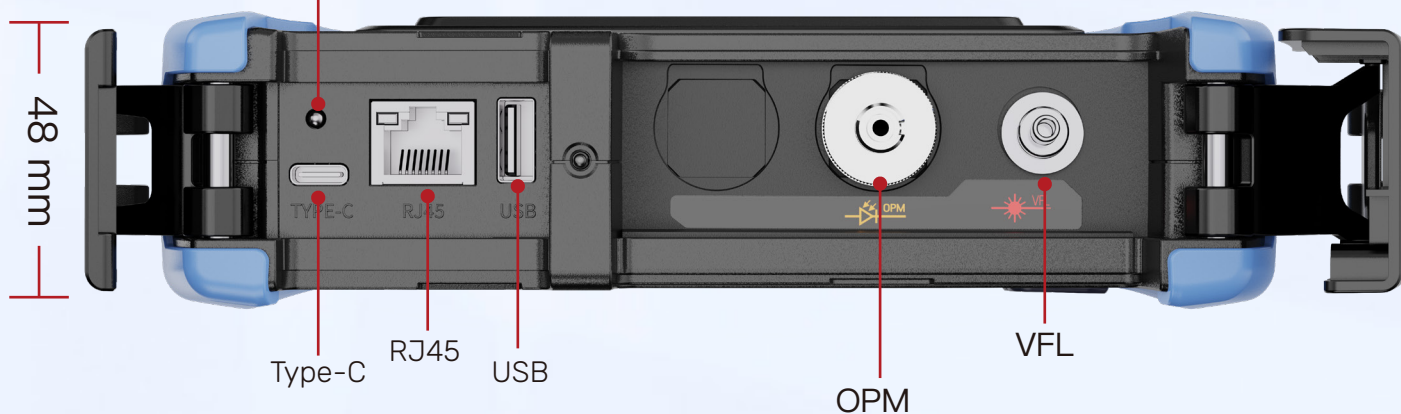


Rubber Shell

Holder

Light

Charging Indicator Light



Type-C

RJ45

USB

OPM

VFL

112 mm

179 mm

48 mm

Parameters

Product		OPM & VFL		OPM	
Type		OPM-33V		OPM-33	
OPM Parameters	Wavelength Range (9)	850~1650(nm)			
	Calibration Wavelength(9)	850/1270/1300/1310/1490/1550/1577/1625/1650(nm)			
	Power Measurement Range	-70~+6(dBm)			
	Uncertainty/Accuracy	< (±0.2dB or ±5%)			
	Power Stability	±0.1dB			
	Resolution Ratio	0.01dB			
	Internal Storage	900			
	User Self-Calibration	√			
VFL Parameters	Operating Wavelength	650±10(nm)		/	
	Optical Source	LD Laser Source			
	Output Power	10mW			
	Operating Mode	CW (Continuous Wave) or Modulated Light			
	Modulation Frequency	CW, 2kHz			
	Laser Safety Class	Class 3R			
General Parameters	Auto Power-Off Time	10min			
	Language	English, Chinese, Spanish, French, Portuguese, Russian, Thai, Korean			
	Optical Fiber Port	FC/UPC(SC/UPC Optional)			
	Display Screen	4.3-inch color LCD display screen			
	Port	Charging Port x1, USB 2.0x1, RJ45x1			
	Working Temperature	-10-50℃(0-40℃ for use with power, 0 to 35 ℃ battery charging)			
	Storage Temperature	-20~60℃			
	Height	4000 m			
	Humidity	0to 90% RH			
	Power Mode	5V, 3A (AC adapter)			
	Battery	3.7V, 5000mAh, ≥18.5Wh			
	LED Lighting	Light Intensity>15000mcd			
	Data Storage	Memory: Save 100 pieces of data for each wavelength (OPM) ; External Storage:USB			
	Size	179 mm (W)x 112 mm (H) x 48 mm(D)			
	Weight	0.6 kg (Unit + Battery)			

Note: All specifications are based on measurements with a new battery at 23°C ± 2°C.

CONTACT US

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