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2019

Optical Power Meter/OPM 120

Palm-size, Rugged and High-quality

The OPM 120 series provides seven calibrated wavelengths and a huge data storage capacity. It is designed for use with an optical light source to perform power loss measurement in cables. The instrument can easily transfer data to PC via a USB connection.

Features

- Seven calibrated wavelengths
- Generous data storage up to 1000 records
- Automatic wavelength identification
- Friendly interface with 2.4 inch TFT LCD
- Lightweight at only 250g
- Long battery operation with energy-saving design(continuous operating time over 8 hours)
- 4 AAA Dry batteries, rechargeable batteries or charging via a USB port
- USB interface for saving and uploading test results to PC
- Made in Taiwan



Applications

- Maintenance in Telecom
- Maintenance in CATV

Product Overview

The OPM 120 series with seven calibrated wavelengths and generous data storage up to 1000 results offers exact power measurement of optical fiber. The instrument can easily transfer data to required reports to PC via a USB connection.

The OPM 120 series can be charged by 4 AAA dry batteries, rechargeable batteries and via a USB port. The power-saving design makes it work continuously over eight hours.

The OPM 120 series features auto wavelength identification, analysis of cable conditions, observation of power variation, and an interchangeable adapter which help measurement of different connectors much easier.

Specifications

Light Characteristic

Function	Item	Specifications	Unit
Power Meter	Input Power	+26 ~ -50 +10 ~ -70	dBm
	Calibrated Wavelength	850、1300、1310、1490、1550、1625、1650	nm
	Accuracy	$\leq \pm 5\%$ or $\leq \pm 0.25$ dB (@-10dBm or -20dBm)	
	Linearity	$\leq \pm 0.1$	dB
	Display Resolution	$\leq \pm 0.01$	dB
	Connector	SC/PC、FC/PC、LC/PC、 2.5mm universal、1.25mm universal	
VFL	Central Wavelength	645 ~ 660	nm
	Output Power	≥ 1	mW
	Modulation Mode	CW、1Hz、2Hz	
	Testing Distance	5	km
	Connector	2.5 mm universal	

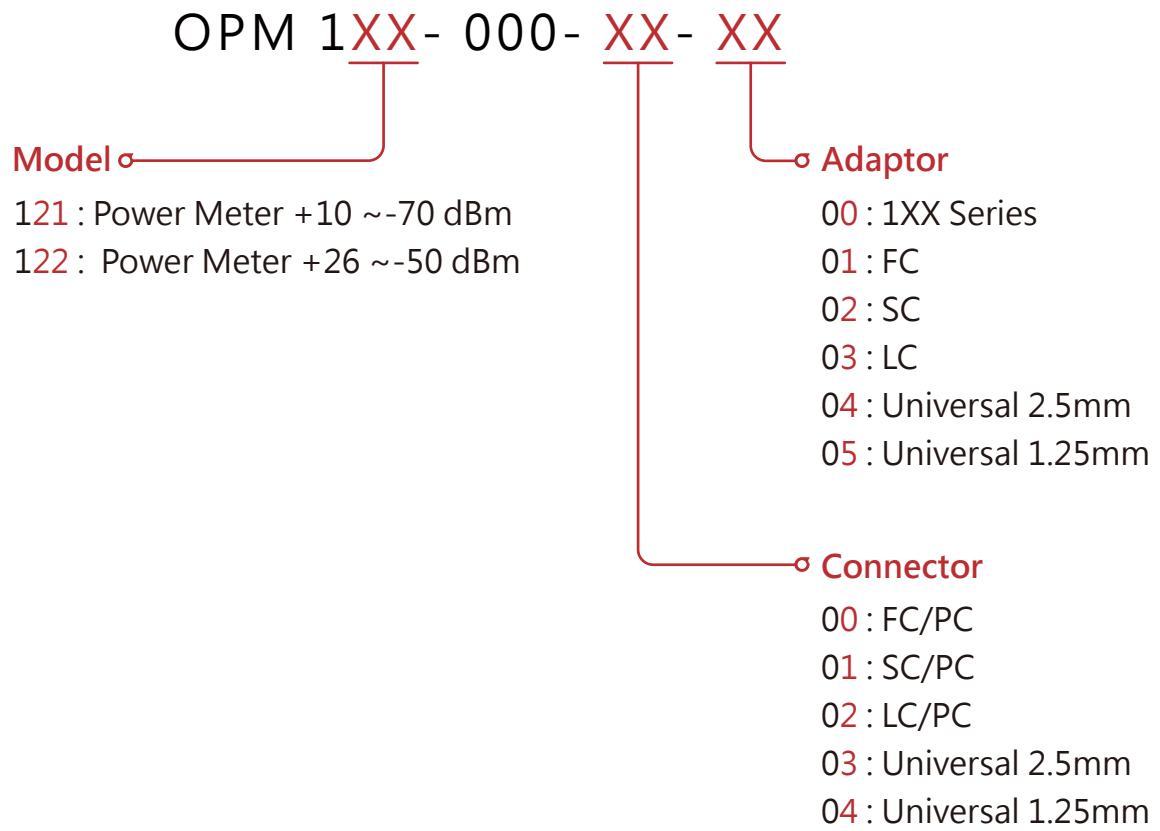
General Specifications

Parameter	Specifications
Working hours (Hrs)	> 8
Power Supply	4 AAA Dry Batteries or Rechargeable Batteries
LED Panel	Optical Power Status Indicator
Display	2.4 Inch High Brightness TFT color LCD
Record storage	>1000 組

Environment and Dimension

Parameter	Specifications
Working Temperature (°C)	-10 ~ +60
Storage Temperature (°C)	-30 ~ +70
Relative Humidity (%RH)	5 ~ 95%, Non-condensing
Dimension (mm)	150 x 75 x 30
Weight (g)	<250

Ordering Information



Example: OPM 121-000-03-04



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