

MultiMeter Laser source with OPM

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Variants

OPM with OLS

Details

Overview:

DT-22 is a highly cost-effective optical multimeter offered by the company. It integrates both a power meter and a light source, providing comprehensive functionality. DT-22 is equipped with features for recording, storing, and uploading test data, making it suitable for various applications in fiber-optic line project construction, testing, and maintenance. It finds extensive use in digital data networks, telecommunication networks, and cable television setups.

Key Features:

Convenient mode switching function for ease of use

Stable output light for reliable performance

Automatic switching function for internal source wavelength

Detection of frequency light for accurate measurements

USB data communication for storage, uploading, and power supply

Data storage capacity of up to 1000 entries

Real-time data reading capability for integration into systems

Applications:

Telecommunication project maintenance

CATV project maintenance

Maintenance of digital data network projects

Optical communications teaching and research

Various other fiber-optic projects

Technical Specification:

Parameter	Specification
Power Meter	DT-22A
Calibration Wavelength (nm)	850, 1300, 1310, 1490, 1550, 1625
Testing Range (dBm)	-70 to +6
Display Resolution (dB)	0.01
Uncertainty (dB)	+0.25
Linearity (dB)	+0.1
Frequency Identification Range	10 k
Source Range (dBm)	-70 to +6
Working Wavelength (nm)	1310/1550 (customizable)
Typical Output Power (dBm)	-5 (customizable)
Stability (dB, 30 min, 20°C)	?0.1 dB
Modulation Frequency (Hz)	CW, 270 Hz, 1 kHz, 2 kHz
Power Supply	3 AA 1.5V battery / Mini USB 5V adapter
Auto-off Time (min)	10
Battery Continuous Operation Time	Source ON: ?50 h, Source OFF: ?200 h
Communication Interface	Mini USB
Working Temperature (°C)	-10 to +60
Storage Temperature (°C)	-25 to +70
Size (mm)	175 x 90 x 44.5
Weight (g, not including battery)	265