

SAT-4E

Optical Power Meter

SYNERGY TELECOM PVT LTD

SAT-4E be used to test continuous optical signal.
It is applicable for optical construction, maintenance,
communication, sensor and optical CATV, etc.



- ◎ Complete function, easy operation
- ◎ Controlling with single-chip microprocessor
- ◎ Designed according to engineering request and double colors package-glue technics
- ◎ Adopting new-type electric rubber switch, suitable for several operation environments

Technical index

Parameters	Unit	Technical index		
Model		SAT-4E11	SAT-4E12	SAT-4E13
Detector		InGaAs		
Wavelength	nm	850~1700		
Working Wavelength	nm	850、980、1300、1310、1490、1550、1625		
Measurement Range	dBm	-70~10	-50~26	-50~+30
	W	0.1nW~10mW	10nW~400mW	10nW~1W
Measurement accuracy		±5%		
Optical interface		FC、ST、SC; MU/LC(optional)		
Resolution		dBm:0.01dBm W:(0.1~1)%		
Power supply		2×1.5V alkaline cells		
Operating temperature	℃	-10~+50		
Storage temperature	℃	-40~+70		
Dimension	mm	L×W×H:140×72×38		
Weight	Kg	0.25		

Adopting new-type electric rubber switch

Major Features

- ◎ RS232 interface, data could be uploaded to PC for analysis
- ◎ **Four-** half digits display, multi-unit display modes for shift: nW, uW, mW, dBm, dB
- ◎ Automatic range switching; Automatic turn-off, time setting range: 5~60mins; Automatic reset
- ◎ Multi wavelength measurement, Auto frequency identifying: 270Hz, 1kHz, 2kHz
- ◎ Setting serial number for instrument and instrument self-calibration function
- ◎ Low power alarming
- ◎ Real-time Data monitoring function by PC

