

SMT-50

All in one field optical tester



Description

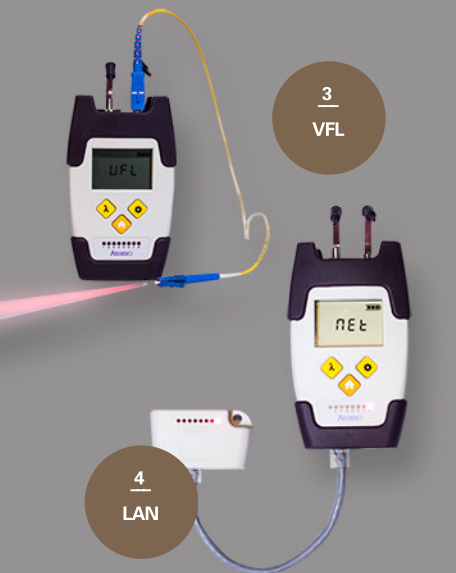
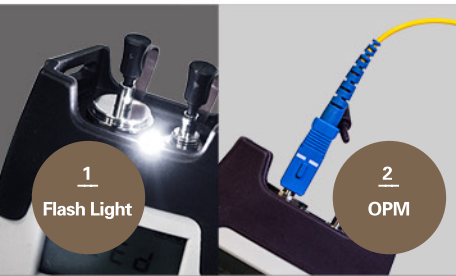
Power meter is the best essential tool for all technicians installing or maintaining optical fiber network. SMT-50 Multi Tester is made for the best performance of different parameters and demanding applications on fiber measurement. It is designed for handy size with simplicity and accuracy. SMT-50 provides 4 exquisite functions to optimize the time of all technicians and can be tested at up to 6 wavelengths in operating. Six main wavelengths (850, 1300, 1310, 1490 1550 and 1625 nm) used in FTTX networks can be tested of passive optical networks (PONs).

Atom
WAVE



SMT-50

All in one field optical tester



Features

+ OPM (Optical Power Meter)

SMT-50 provides 6 wavelengths (850, 1300, 1310, 1490, 1550, 1625nm) with high accuracy. Field user can choose SC, FC, ST adaptor (Optional part) for real time test on Universal adaptor

+ VFL (Visual Fault Locator)

SMT-50 provides VFL (Visual Fault Locator) function where field installer can find visual light of broken or leaking fiber optic network. User can choose 1, 10, 25mW laser power on demand

+ UTP/RJ Line Tester

SMT-50 is able to test fiber optic network and copper cable (RJ-45, RJ-11) both. Thus field installer can handle fiber and copper hybrid network

+ Flash Light

SMT-50 provides flash light and blinking SOS light signal for field urgent situation. Flash light function can be used at night installation and emergency maintenance in dark space

Specifications

Model	SMT-50A	SMT-50B
Power Range	1310/1490/1550/1625: -70~+10dBm 850/1300: -60~+10dBm	1310/1490/1550/1625: -50~+26dBm 850/1300: -40~+26dBm
Calibrated Wavelengths	850nm, 1300nm, 1310nm, 1490nm, 1550nm, 1625nm	
Resolution	0.01dB	
Accuracy	±0.2dB	
Linearity	±0.2dB	
Auto Power off	Yes	
Battery Type	AA/LR6 1.5V x 2	
Battery lifetime	>100H (Only Power Meter)	
VFL	650nm : 1mw, 10mw, 25mw	
Network cable/ Telephone wire	UTP LAN cable (8P8C), Telecom cable (6P2C/6P4C/6P6C)	
Operate temp	-10°C~+50°C	
Storage temp	-20°C~+60°C	
Relative humidity	<90%RH	
Size	128mm × 69mm × 31mm	
Weight	124g (Without battery)	



#912, 9FI, Magok-W Tower, 294, Banghwa-daero, Gangseo-gu, Seoul, Republic of Korea
Tel +82 220881063 Fax +82 220881064

www.atomowave.com

Package



SMT-50



Manual



Receiver



LR6X2