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FiberCute
Multifunctional Optical Tester

FiberCute Multifunctional Tester is a powerful integration of optical power meter, stabilized laser source, visible laser source, talk set, loss tester and fiber length tester, an all-in-one solution for optical power, loss and fiber-length measurements.

Features

◆ All-in-one: Six functional modules in one unit for multi-tasks
　・Optical Power Meter　　・Optical Loss Tester
　・Stabilized Laser Source　・Visible Laser Source
　・Optical Talk Set　　　・Fiber-length Meter
◆ High-quality voice signal
◆ Optional nondestructive Clip-on Coupler: Direct online communication
◆ Handheld, damp-dust-shock proof
◆ 9 hours continuous operation/Auto off
◆ CE FCC FDA certificates

OTS-20/30
Multifunctional Optical Talk Set

OTS-20/30 Multifunctional Optical Talk Set enables clear and long distance telephony on single optical fiber. Featuring integrated laser source and optical power meter for loss test, OTS-20/30 is a reliable toolset for tough environments.

Features

◆ Full duplex multiparty call on single fiber
◆ Combines laser source and power meter
◆ High-quality voice signal
◆ Optional nondestructive Clip-on Coupler: Direct online communication
◆ Large internal memory: 4000 records
◆ PC software for data download and reporting
◆ 10 hours continuous operation/Auto off
◆ Handheld, damp-dust-shock proof
◆ CE FCC FDA certificates

ShinewayTech
Dependable Partner for Future Networks

Specifications

Model	FiberCute-13B	FiberCute-15B	OTS-20 A	OTS-20 B	OTS-30 C	OTS-30 D
Display	LCD		LED		LCD	
Talk Set Module						
Wavelength(±20nm)	1310	1550	1310	1550	1310	1550
Dynamic Range	45dB		40dB		45dB	
Effective Range(Km)	130	180	130	180	130	180
Laser Source Module						
Wavelength (±20nm)	1310	1550	1310	1550	1310	1550
Output Power (dBm)	≥-1		≥-5		≥-1	
Stability	±0.05 dB/15min;±0.15 dB/8hrs		±0.05 dB/15min;±0.15 dB/8hrs			
MOD Frequencies	270, 1K, 2K Hz		270, 1K, 2K Hz			
Power Meter Module						
Measurement Range[1]	-70 ~ +10dBm		NA		-70 ~ +10dBm	
CAL Wavelength	850,1300,1310,1490,1550,1625nm				850,1300,1310,1550nm	
Accuracy	±0.25 dB(5%)@ 25°C&-10dBm (±0.5 dB@ 850nm)				±0.25dB(5%)@ 25°C&-10dBm (±0.5 dB@ 850nm)	
Data Storage	3000 records				4000 records	
Connectivity	RS232				RS232	
General Specifications						
Connector	FC (Interchangeable SC, ST)		FC (Interchangeable SC, ST)			
Power Supply	NiMH Battery(1600mA/h)/ AC Adapter		NiMH Battery(1600mA/h)/AC Adapter			
Battery Life	9hrs continuous operation/16hrs standby		10hrs continuous operation/16hrs standby			
Weight	850g (1.8 lbs)		600g (1.3 lbs)			
Dimensions(H×W×T)	196×100×64mm (7.7×3.9×2.4 inch)		196×100×44mm (7.7×3.9×1.7 inch)			
Optical Fiber Length Test Module						
Wavelength(±20nm)	1310	1550	NA			
Range (Km)	0.02 ~ 50	0.02 ~ 80				
Detectable Events	7					
Accuracy	±2m@±20Km					
650nm Visible Laser Source Module						
Output Power	≥-5dBm		NA			
MOD Frequencies	1Hz					

Note: (1) For 850nm, the lower limit of measurement range is -60dBm.

* Specifications subject to change without notice