

General Description:

The CA6042 Bench-Top optical Insertion loss return loss test station is a multi-functional device for optic fiber network, and cable manufacturer to verify the quality of fiber leads. It's designed to be a combination of optical insertion loss tester, optical power meter, laser source and relative power value, but also work as a self-testing system to measure optical loss of optic fiber cable and passive device.

- High accuracy at 2 wavelengths(SM 1310/1550nm)
- Three instruments in one: return loss meter/power meter/insertion loss meter
- USB port available for data upload to PC.



Technology Parameters :

Return loss meter		Insert loss meter	
Working wavelength	1310nm /1550nm	Calibrated wavelengths	1310,1550nm
Measurement range	0 ~ +75 dB	Measurement range	0-70dB
Calibrated wavelengths	310nm &1550nm	Measurement accuracy	0-60dB:0.2dB;60-70dB:1dB
Stability	0.05dB/15min	Connector type	FC/SC/ST
Connector type	FC/APC.SC/APC.ST/APC	Other specifications	
Resolution	0.1/0.01/0.001 dB (selectable)	Power Supply	AC100 ~ 240V, 50/60Hz
Power Output	-2dBm	Data Storage	Upload to PC via USB cable
Power meter			
Calibrated wavelengths	850nm,1300nm,1310nm,1490nm,1550nm,1625nm	Working temperature	-5~+50°C
Measurement range	-80 dBm ~ +10 dBm	Storage temperature	-20~+70°C
Measurement accuracy	5% + 1 nW	Working humidity	0-90% no condensing
Modulation detection	Yes	Dimension	260 * 110 * 310 mm
Resolution	0.1/0.01/0.001 dB (selectable)	Weight	3 Kg
Connector type	FC/SC/ST		

Standard accessories :

User Manual, Interchangeable FC/SC/ST connectors, AC/DC Adapter, PC software CD, USB Cable, Test Report, FC/APC-FC/APC Patchcord, FC/APC-FC/PC Patchcord, Cotton Bud, Foot Pedal Switch

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