

Descripton:

The CA6034 optical return loss/insertion loss meter is an integrated tester for optic fiber network, and cable manufacturer to verify the quality of fiber leads, with the features of handheld, intelligent and multi-functional. The meter is designed to be a combination of optical insertion loss tester, optical power meter, laser source and return loss tester. It can not only measure return loss and proceeding the measurement of absolute and relative power value, but also work as a self-testing system to measure optical loss of optic fiber cable and passive device .CA6034 is an ideal tool to verify the polish quality of fiber connector, measure optical return loss in field installation, proceed routine inspection. It is no doubt to be an excellent instrument for Optic Telecom and CATV network, as well lab test and



Features:

- High-precision ORL testing at 2 wavelengths (SM 1310/1550nm)
- Three instruments in one: return loss meter/power meter/insertion loss meter
- Internal data storage up to 1500 records
- Both batteries or AC power supply
- Interchangeable connectors with FC/SC/ST

Specifications :

Return loss meter		Insert loss meter	
Working wavelength	1310nm,1550nm	Calibrated wavelengths	1310nm,1550nm
Measurement range	0~65dB	Measurement range	0~70dB
Calibrated wavelengths	1310nm&1550nm	Measurement accuracy	0~60dB:0.2dB; 60~70dB:1dB
Measurement accuracy	0~55dB:0.4dB; 55~65dB:1dB	Data memory	500 measurement results
stability	0.05dB/15min	Connector type	FC/PC,SC/PC,ST/PC
Connector type	FC/APC,SC/APC, ST/APC	Other specifications	
Resolution	0.1dB	adapter	INPUT:AC100~240V 50/60HZ OUTPUT:DC6V/1A
Data memory	500 measurement results	USB connector	yes
Power Output	-2dBm	battery	2*AA NI-MH 1.2V 2500mAh rechargeable
Power meter		Working temperature	-5~+50°C
Calibrated wavelengths	850nm,1300nm,1310nm,1490nm,1550nm,625nm	Storage temperature	-20~+70°C
Measurement range	-70dBm~7dBm	Working humidity	0~90% no condensing
Measurement accuracy	-70dBm~-60dBm:1dB; -60dBm~+7dBm:±0.2dB±1mw	Support remote upgrade	
Modulation detection	270HZ,1KHZ,2KHZ		
Auto-lambda detection	yes		
resolution	70~-60dBm:0.1dB; -60~+7dBm:0.01dB		
Data storage	500 measurement results		
Connector type	FC/SC/ST		

Standard Accessories:

User Manual, Rechargeable Batteries, Carrying Bag, Interchangeable FC/SC/ST connectors, AC /DC Adapter/Charger, PC software CD, USB Connecting Cable, Test Report, FC/APC-FC/APC Patchcord, FC/APC-FC/PC Patchcord, Cotton Bud.

Optional Accessories:

Carrying box, Silicon Boot, FC/PC male -LC/PC female Adapter.

UC INSTRUMENTS CORP.

Address: 37498 Glenmoor Dr. Fremont, CA 94536,the USA

TEL: +1-510-366-7353 FAX: +1-510-353-1809

WEB: www.ucinstruments.com