

OCC-50 CWDM Optical Channel Checker



Powerful Tool for CWDM Installation, Maintenance & Troubleshooting

OCC-50 Handheld CWDM Optical Channel Checker is specially designed for CWDM installation, maintenance and troubleshooting, which is able to measure and monitor power values of 18 CWDM channels. OCC-50 can replace high-cost Spectrometers and conduct quick and reliable measurements in all environments. Thanks for its light, compact and sturdy design, OCC-50 is the ideal tool for CWDM installation and maintenance technicians.

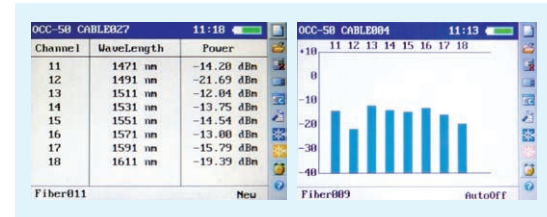
Features

- ◆ Clear TFT LCD display (320x240)
- ◆ 18-channel measurement:
Model OCC-50B, 1271-1611nm
- ◆ 8-channel measurement:
Model OCC-50A, 1471-1611nm
- ◆ Result display in histogram and list
- ◆ Applicable to normal optical power measurement
- ◆ Internal clock & fiber S/N editable
- ◆ User definable threshold setting
- ◆ Data transfer to PC via USB
- ◆ No warm-up, quick start
- ◆ Backlight
- ◆ 10 hours continuous operation
- ◆ Pocketsize, lightweight and easy-to-use
- ◆ CE, FCC certificates



Result display in histogram and list

Straightforward result display for easy understanding.



Internal clock & fiber S/N editable

Internal clock enables OCC-50 to save test data with time and editable fiber SN information for convenient archiving and editing.

Specifications

Model	OCC- 50A	OCC- 50B
CWDM Module		
Wavelength (nm)	1471~1611	1271~ 1611
Channel Number	8	18
Power Range (dBm)	-50 ~ +10	
Channel Spacing	20nm	
Central Wavelength	ITU	
Channel Band-pass	ITU ± 6.5nm	
Channel Power Resolution	± 0.01 dB	
Channel Power Accuracy	± 0.5 dB	
Channel Power Repeatability	± 0.5 dB	
Maximum Input Power	13 dBm	
ORL	>45 dB	
Measurement Unit	W/mW/μW/nW/pW/dBm/dB (REF)	
Data Storage	1000 sets	
Connectivity	USB	
Detector Type	InGaAs	
Application Range	Singlemode Fiber	
Connector	FC/PC (Interchangeable SC/ST)	
Power Saving	Auto-off after 5 minute idle	
OPM Module		
Calibrated Wavelength (nm)	850,1300,1310,1490,1550,1625	
Power Range (dBm) ⁽¹⁾	-70 ~ +10	
Accuracy	± 5% ± 0.01nW (± 0.5 dB@850nm)	
Resolution	0.01 dB	
General Specifications		
Power Supply	NiMH Rechargeable Battery / AC Power Adaptor	
Battery Life	Continuous operation ≥10 hours	
Weight	1kg (2.2 lbs)	
Dimensions (H x W x T)	220x110x70mm (8.7x4.3x2.7 inch)	

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

* Specifications subject to change without notice

