M600
Mini-OTDR

NOYES
FIBER SYSTEMS

- Available multimode (850/1300 nm), singlemode (1310/1550 nm), or four-wavelength configurations
- Automatic or manual testing
- Real-time testing
- Large, backlit, color display
- Trace storage on 3.5" diskettes and internal memory
- Trace Analysis Software for Windows 95, 98 and NT 4.0

DESCRIPTION

The M600 Mini-OTDR provides complete, low cost, solutions for measuring, testing, and documenting the performance of your fiber network. The unit can be configured to suit your testing needs for an array of applications with demanding requirements. Designed to accept both multimode and singlemode modules for testing flexibility, the M600 combines ease of use with powerful time saving features.

The hard and soft key interface is simple yet intuitive with dedicated keys for easy access to the functions used most. These buttons include wavelength selection, trace save and on-line help. When operating the M600 in poor lighting conditions the contrast adjustment makes the large, high resolution color display easier to view.

Traces can either be saved to the internal non-volatile memory, or to a floppy disk and then transferred to a PC, or printed on an external printer using the parallel port. Analysis of traces can be conducted without the M600 by using the supplied Windows based software that installs onto a PC. Both the M600 and the Trace Analysis software support various trace manipulations such as two-way averaging, trace overlay and graphing. The batch printing feature is an efficient way to generate hard copy documentation for certification.

For trace identification and to speed the storage process, the M600 has the ability to auto-increment the file name extension. The eight characters in the file name can be used to provide information about the trace such as its location or fiber number. This can be accomplished by using an external keyboard or by selecting the appropriate letters and numbers using the hard keys on the M600.

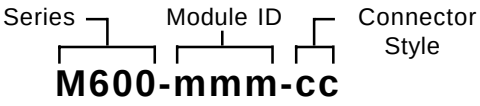
SPECIFICATIONS

Model	Multimode	Singlemode
Optical Specifications		
Emitter Type	Laser	
Emitter Classification	Class 1 (FDA CRF 21)	
Center Wavelengths	850 / 1300 nm	1310 / 1550 nm
Testing Applications	Multimode	Singlemode
Dynamic Range	21 / 23 dB	26 / 26 dB
Event Dead Zone	5 m	
Attenuation Dead Zone	15 m	
Index of Refraction	1.400 - 1.699	
General Specifications		
Display	high resolution color, 7.4 in., adjustable contrast	
Distance Display Units	meters, feet	
Power	lead acid rechargeable battery or AC	
Printer Connection	parallel port	
File Transfer	3.5 in. floppy disk	
Operating Temperature	0° to + 40° C	
Storage Temperature	-10° to + 60° C	
Relative Humidity	0 to 95% non-condensing	
Weight in Use	<10 lb (<4.5 kg)	
Size (H x W x D)	10.5 x 10.75 x 4.5 in. (26.6 x 27.3 x 11.4 cm)	

Specifications are subject to change.

ORDERING INFORMATION

The M600 Mini-OTDR can be ordered with either dual multimode, dual singlemode modules or both. The modules can be ordered at a later date and installed in the field.



Module Model Number	Description
M600-MM1-SC	Multimode module, SC connector
M600-MM1-ST	Multimode module, ST connector
M600-SM1-SC	Singlemode module, SC connector
M600-SM1-ST	Singlemode module, ST connector
M600-SM1-FC	Singlemode module, FC connector

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