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TECHNOLOGY GROUP

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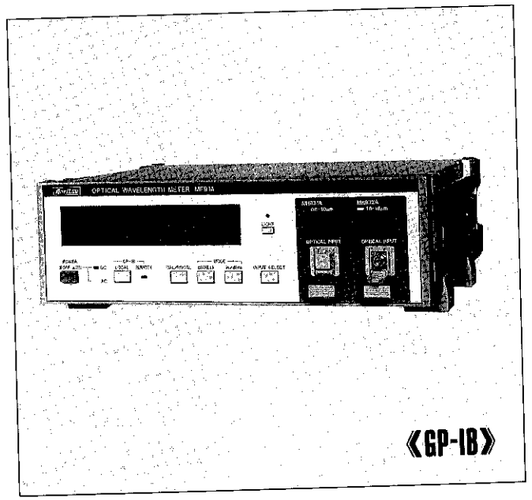
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Find the *Anritsu MF91A* at our website: ***Click HERE***

OPTICAL WAVELENGTH METER
MF91A
0.4 to 1.6 μm



The MF91A can measure the wavelength of an LD or LED. This meter can also measure optical power directly without setting the wavelength over a wide wavelength range.

Features
- **Wide wavelength range**
  Three plug-in units cover the wavelength range of 0.4 to 1.6 μm
- **Optical power measurement**
  Optical power can be measured over the entire wavelength range without recalibrating the wavelength sensitivity.
- **Wide measurement range**
  Measurement can be performed for an extremely wide input level range: −60 to +10 dBm (at 0.85 μm).
- **Optical connector input**
  Connector input enables easy measurement

Specifications

Indicator	Display	Wavelength: 5 digits Power: 4 digits, W/dBm/dB$_{(REL)}$ selectable Simultaneous indication of wavelength and power		
	Analog output	Analog output corresponding to wavelength and power		
	GP-IB	Standard feature		
	Power	AC 100 V, 50/60 Hz, ≦20 VA		
Plug-in unit	Model	MH930A	MH931A	MH932A
	Wavelength range	0.4 to 0.8 μm	0.6 to 1.0 μm	1.0 to 1.6 μm
	Level range	−55 to +10 dBm (at 0.633 μm)	−60 to +10 dBm (at 0.85 μm)	−50 to +5 dBm (at 1.3 μm)
	Optical connector	FC-type*1 (GI, 50 μm core dia.)		
Overall	Wavelength accuracy	Within ±0.5%, when the spectral half width is less than 10 nm*2		
	Measurement level accuracy	±0.3 dB (−10 dBm, 0.633 μm)	±0.3 dB (−10 dBm, 0.85 μm)	±0.3 dB (−10 dBm, 1.3 μm)
	Wavelength resolution	0.1 nm		
	Level measurement resolution	W indication: 0.1 to 1%, dBm indication: 0.01 dB		
	Ambient temperature, rated range of use	0° to 40°C		
	Dimensions and weight	88H × 283W × 251D mm, <6 kg (when two units are installed)		

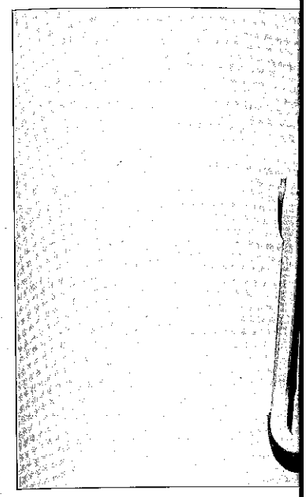
*1 Standard optical connector is FC-type. For other connectors, consult the nearest Anritsu representative.
*2 This accuracy applies only to unpolarized (i.e. randomly polarized) light. If strongly polarized light is input, there is a possibility that the accuracy will be decreased.

Ordering information
Please specify model/order number, name and quantity when ordering.

Model/Order No.	Name		Remarks
MF91A	**Main frame** Optical Wavelength Meter		
	Standard accessories		
J0017	Power Cord, 2.5 m:	1 pc	MN51NN250V0.5AAC05
F0018	Fuse, 0.5 A:	2 pcs	
F0022	Fuse, 2 A:	1 pc	MN51NN250V2ADC01
W0064CE	MF91A Instruction Manual:	1 copy	
	Plug-in units		Each supplied with operation manual
MH930A	Plug-in Unit		For 0.4 to 0.8 μm band
MH931A	Plug-in Unit		For 0.6 to 1.0 μm band
MH932A	Plug-in Unit		For 1.0 to 1.6 μm band
	Optional accessory		
MA918A	Light Emitting Element Measuring Unit		

Artisan Technology Group - Quality Instrumentation ... Guaranteed | (888) 88-SOURCE | www.artisantg.com

OPTICAL TIME DOM
MW9040A
1.31/1.55 μm



The MW9040A can precisely measure t
faults as well as transmission losses, an
nectors. The MW9040A can be used at t
and can measure the location of faults
within 10 cm.
There are three types of plug-in units in
range (1.31 μm, 1.55 μm and 1.31/1.55
34 dB, 32 dB and 32/30 dB, respectiv
fibers can be measured with high efficie
made in as little as three steps by using
and splice points are automatically dete
for automatically measuring the distanc
functions such as a waveform comparis
sis of changes in an optical fiber, a 2500
allows magnification without re-averagi
inputting titles and a function for printin
are also provided. A variety of interacti
the screen so that operation is simplifi
The MC8104A Data Storage Unit (sold s
floppy disk drive, two memory card int
nected to the MW9040A and is used to
disks and memory cards, and produce
played on the screen. GI fiber optical l
precisely measured when the MN9607A
ly) is used.

Features
- **34 dB wide dynamic range**
  The MW0945A 1.31 μm single-mode
  than 34 dB, greater than the 32/30
  μm single-mode unit, enabling meas
  optical fibers.

Artisan Technology Group is an independent supplier of quality pre-owned equipment

Gold-standard solutions

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