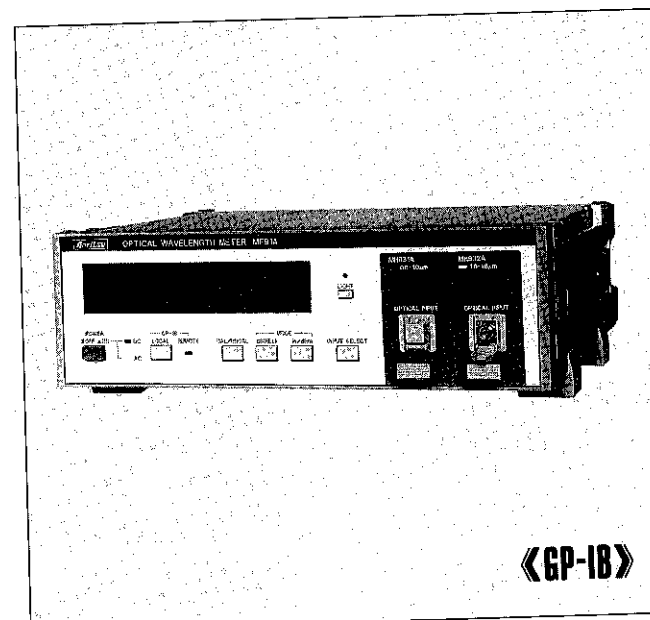


OPTICAL MEASURING INSTRUMENTS

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 $\pm 0.5\%$, 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 \times 283W \times 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
F0018	Fuse, 0.5 A:	2 pcs
F0022	Fuse, 2 A:	1 pc
W0064CE	MF91A Instruction Manual:	1 copy
	Plug-in units	
MH930A	Plug-in Unit	Each supplied with operation manual For 0.4 to 0.8 μm band For 0.6 to 1.0 μm band For 1.0 to 1.6 μm band
MH931A	Plug-in Unit	
MH932A	Plug-in Unit	
	Optional accessory	
MA918A	Light Emitting Element Measuring Unit	

OPTICAL MEASUR

OPTICAL TIME DOM

MW9040A

1.31/1.55 μm

The MW9040A can precisely measure faults as well as transmission losses, and connectors. The MW9040A can be used at te 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 μm). The MW9040A can be used at te 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 μm). The MW9040A can be used at te 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 μm). The MW9040A can be used at te and can measure the location of faults within 10 cm.

Features

• 34 dB wide dynamic range

The MW0945A 1.31 μm single-mode U than 34 dB, greater than the 32/30 μm single-mode unit, enabling meas optical fibers.