



Precision Rated Optics

Work with a PRO!

OLM-302A

MPO Loss Test Set



The OLM-302A MPO Loss Test Set from Precision Rated Optics is a versatile solution that allows technicians to make a precise evaluation of the quality of MPO links. Additionally, this loss test set helps in implementing incoming qualification of MPO components like cassettes and jumpers.

The key elements of this solution include the LS-302A Laser Light Source and PM-302A Optical Power Meter that can be connected directly with one jumper that provides measurement of loss on each of the 12 channels. A breakout MPO to LC or SC cable assembly can be added to test hybrid cables. By testing 12 or more fiber channels simultaneously at the touch of a button, the OLM-302A MPO Loss Test Set is the easiest MPO testing solution available on the market today.

SPECIFICATIONS

Item / Model No.	OLM-302A	
Power Meter	Calibration wavelength	850/1300/1310/1550 (nm)
	Channels	12
	Connector Types	MPO / MTP (Female / Male)
	Data Storage	300 Sets
	Display Units	dB / dBm
	Resolution	± 0.01dB
	Uncertainty	± 0.5dB
	Maximum Input Power	+13dBm (Composite)
	Threshold Setting	4 wavelength
	Reference Setting	4 wavelength
	Tone Detection	Yes
	Measuring Range (dBm)	-60 ~ +3
	Polarity Test	According to TIA-568-C.0
	Frequency Recognition (Hz)	270/1K/2K
Light Source	Output Wavelength (nm)	850nm
	Channels	12
	Connector	MPO / MTP (Female)
	Modulation Frequencies (Hz)	270/1K/2K
Spectral Type	VCSEL	
Power Supply	NiMH Rechargeable Battery / AC Adapter	
PC Interface	USB	
Battery Life	≥ 10 Hours	
Operating Temperature	32° F ~ 122° F (0° C ~ 50° C)	
Environmental Conditions	0 ~ 95% (Humidity, Non-Condensing)	
Weight & Dimensions (HxWxD)	7.5" x 4.1" x 2.2" / 24.7oz (190 x 105 x 55mm / 700g)	
Warranty	Standard 3-Year Manufacturer Warranty (Extended Warranty Available)	

- Rugged Design with Protective Rubber Boot
- Quickly Evaluate MPO Link Quality
- Data Storage for 300 Sets of Records
- Features Tone Detection
- Includes Soft Carrying Case

OLM-302A Standard Package Includes:

OLM-302A MPO Loss Test Set, NiMH Battery, Protective Rubber Boot, USB Data Transfer Cable, PC Software CD, AC/DC Power Adapter/Charger, CE Certificate, Certificate of Calibration, User Manual, Soft Carrying Case

Ordering Information

OLM-302A	OLM-302A MPO Loss Test Set
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