

## LLMS001 Laser Linewidth Measurement System



### Description

Laser Linewidth Measurement System is an easy and accurate measurement system for measuring the linewidth of the laser diode. The evaluation of the linewidth of lasers is essential for development, manufacturing and quality control of lasers for optical communications. Combined Keysight's signal analyzer and dedicated test set, you can measure the linewidth easily.

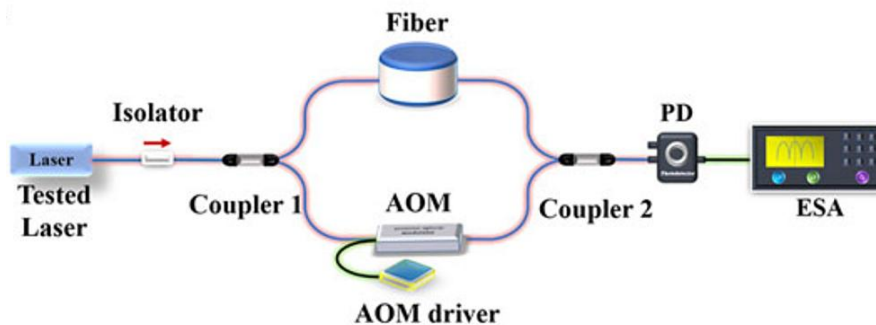


Figure 1: laser linewidth Measurement device.

### Features

- Laser linewidth measurement down to 2kHz.
- Wide wavelength range 1300-1700nm.
- Interferometer and optical receiver in one box.

## Specifications

Item	Unit	Min.	Typ.	Max.
Optical Wavelength	nm	1310		1700
Minimum Measurable Linewidth	kHz	2		5000
Optical Input Power	dBm	-20		+10
Frequency Shift of Interferometer	MHz		150	
Optical Delay Length	Km		50	
Power Voltage	V		220	
Fiber Optical Interface	NA	FC/APC		
RF Interface	NA	BNC		