

[OEFBG-OSA-100]

High Resolution Optical Spectrum Analyzer

Features:

- High resolution
- Low noise
- High wavelength precision
- Various center wavelengths
- 2-in-1 solution (OSA, Tunable Laser Source)
- User friendly interface



Applications:

- Passive components test and measurement
- Interrogation systems
- Biomedical applications
- Research and development

Product Description:

Based on our high-performance tunable laser sources, the new Optical Spectrum Analyzer with model number OEFBG-OSA-100 provides a powerful, high resolution, low noise and low-cost solution for fiber passive components measurements. It is a 2-in-1 product which can also be used as a narrow line tunable laser source.

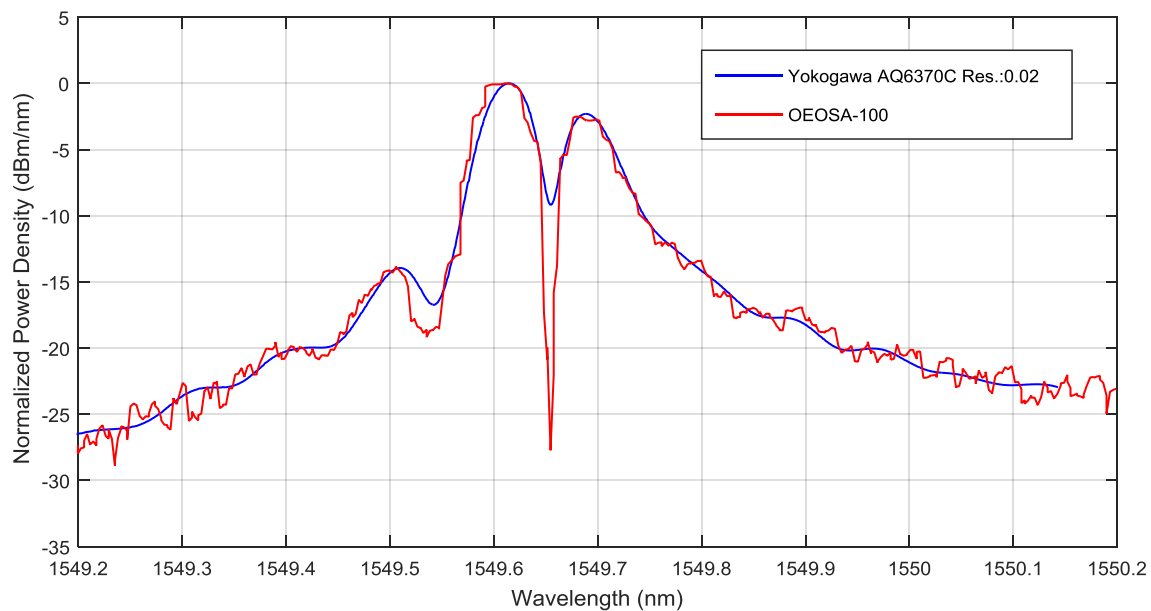
This OSA is available at various center wavelengths including 1060, 1310, 1550 and 2000 nm with a wide scanning span of up to 120 nm and a resolution better than 5 pm. The built-in Tunable Laser Source (TLS) and power meter can also be used individually using a user-friendly interface through the USB port. OEFBG-OSA-100 is a low-cost solution for fiber optical passive component test and measurement and interrogation systems.

Parameters	Unit	OEFBG-OSA-100			
Center wavelength	nm	1060 ± 10	1310 ± 10	1550 ± 10	2000 ± 20
Max span range	nm	60	80	80	120
Wavelength resolution	pm	< 5	< 5	< 5	< 5
Wavelength accuracy (Max)	pm	± 20	± 20	± 20	± 20
Dynamic range	dB	> 60	> 70	> 70	> 45
Sweep time	points/s	4			
Connectors (Input/ Output)	-	FC/APC, FC/PC, SC/PC, SC/APC			
Interface	-	For PC, through USB connection			
Built-in tunable laser source specifications					
Center WL/ Tuning range	nm	Same as OSA			
Output power	mW	> 5	> 5	> 5	> 5
SMSR	dB	> 60	> 50	> 50	> 50
Output polarization state	-	Linear or Random			

Interface:



Measurement:



Ordering Number:

OEFBG-OSA-100-WL:	WL (nm)
	1060, 1310, 1550, 2000
Example:	OEFBG-OSA-100-1550