NORTH PHOTONICS

[**OEOSA-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 OEOSA-100 provides a powerful, high resolution, low noise and low cost solution for fiber passive components measurements. It is a two-in-one product which can also be used as a narrow line tunable laser source.

This OSA is available at various center wavelengths including 1060, 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. OEOSA-100 is a low cost solution for fiber optical passive component test and measurement and interrogation systems.

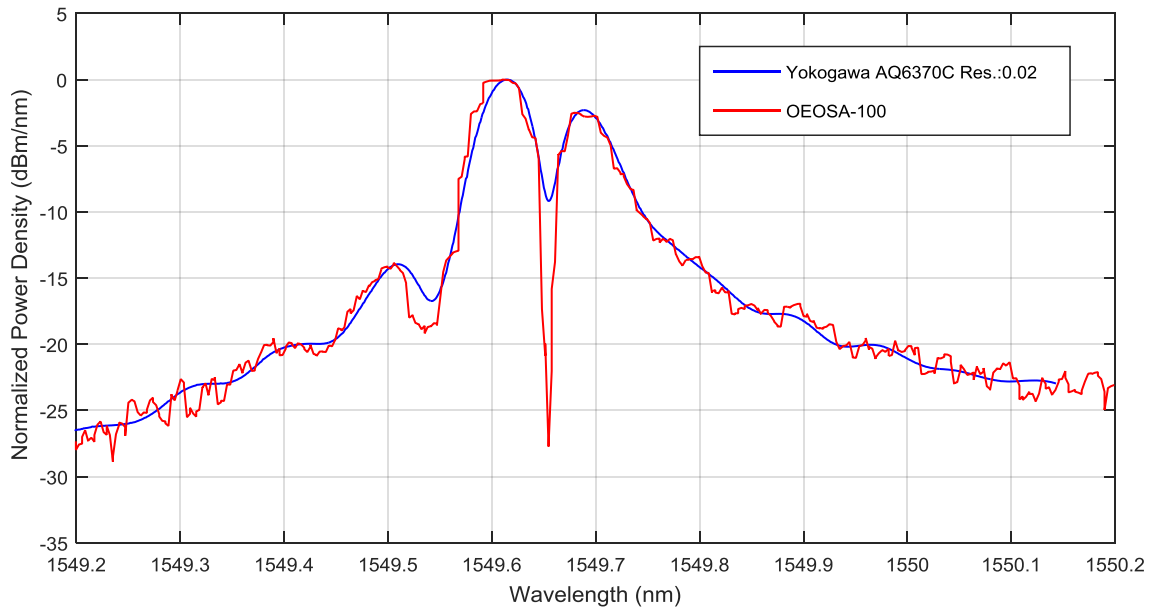| Parameters	Unit	OEOSA-100		
Center wavelength	nm	1060 ± 10	1550 ± 10	2000 ± 20
Max span range	nm	60	80	120
Wavelength resolution	pm	<5	<5	<5
Wavelength accuracy (Max)	pm	± 20	± 20	± 20
Dynamic range	dB	>60	>70	>45
Sweep time	points/s	4		
Connectors (Input/ Output)	-	FC/APC, FC/PC, SC/PC, SC/APC		
Interface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

- All specifications are subject to change without notice.

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Interface:

Measurement:

Ordering number:

OEOSA-100-WL:	WL (µm)	
	1060,1550,2000	
Example:	OEOSA-100-1550	