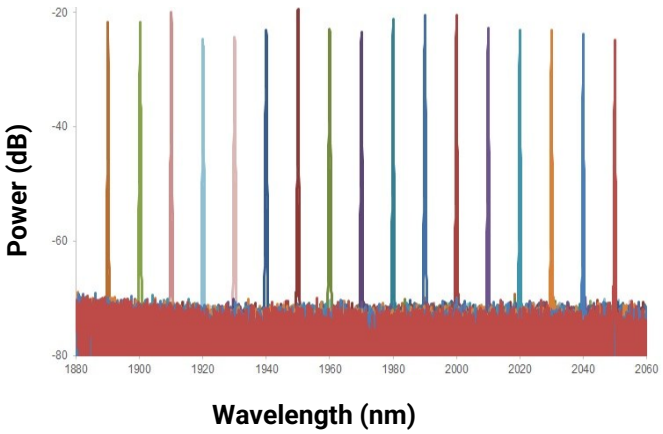
Tunable Fiber Laser TENOR-2000

Key Features

- Output power from 10 mW up to 5 W
- Tuning range: 1900 to 2050 nm
- Single-frequency; linewidth <0.05 nm
- Standard or all-PM configurations
- Manual or digital wavelength tunning
- 19" 2U Rackmount benchtop unit



TENOR-2000: Output Spectrum

Description

The Cybel **TENOR-2000** is a tunable fiber laser covering 1900–2050 nm with output power from 10 mW to 5 W. It offers an OSNR >50 dB/1 nm and is available in standard or all-PM configurations, with a PER of 20 dB for the PM version. The 19" 2U benchtop unit provides manual wavelength control and a USB interface. An output collimator is available as an option.

Applications

- Atom Cooling
- Laser pumping
- High Energy Physics
- Testing and Measurement
- Spectroscopy



TENOR-2000: Rackmount Benchtop

62 Highland Ave.
Bethlehem, PA 18017
Phone: 610-691-7012

Sales: contact@cybel-llc.com

Website: www.cybel-llc.com

Specifications TENOR-2000

Parameter	Unit	Min	Max	Comments
OPTICAL				
Wavelength Tuning Range	nm	1900—2050		Other tuning ranges available
Average output power	W	Up to 5		
Spectral linewidth	nm	< 0.05		
Power tunability	%	10 to 100		
Power stability	%	3		Measure RMS
Polarization		Random or linear		For linear PER > 15 dB
Beam quality	M^2	< 1.1		
Output Isolation	dB	> 25		
Output fiber length	cm	70		Other lengths available
Output termination		FC/APC or Collimator		Armored cable available on request
ELECTRICAL				
Voltage	V	110 - 220		@60/50 Hz
Control interface		RS-232		USB & Touchscreen
Mode of operation		ACC		
GENERAL				
Dimensions	Inch	19		2U Rack-mount benchtop
Storage Temperature	°C	0 to 60		
Operating Case Temp.	°C	10 to 35		

CUSTOMIZATION

The TENOR-2000 is a laser platform that can be customized to match Customers' specific requirements. Please contact Cybel.

COMPLIANCE with Regulatory Requirements: These benchtop products are Class 4 lasers as designated by the Center for Device and Radiology Health (CDRH). As such they are intended only in integration into other equipment and do not comply with CDRH requirement. It is the customer responsibility for CDRH certification of the full system that incorporates this industrial laser.



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