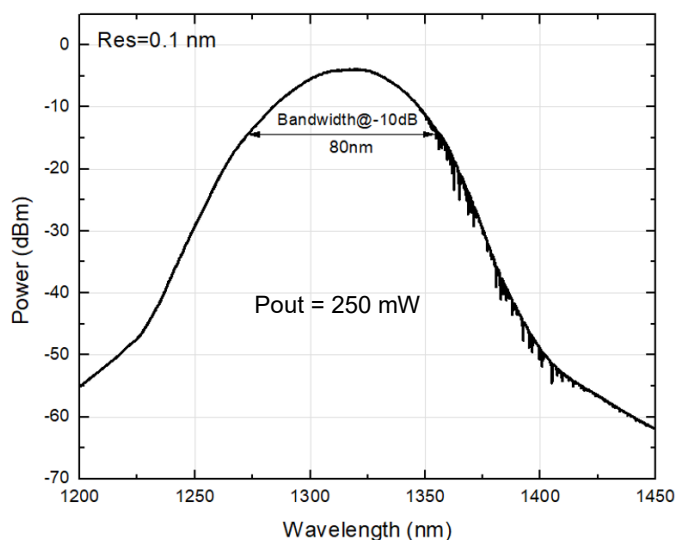


SETYF O-Band ASE Source

Key Features

- Central wavelength: 1315 nm
- ASE bandwidth: 80 nm
- Output Power: 250 mW
- Power Stability < 1 % RMS
- Low power consumption: < 25 W
- Front touch panel control & USB
- Compact & turn-key unit available



Description

Output power vs wavelength

Cybel's **SETYF O-Band ASE** source delivers an 250 mW of output power over a broad 80 nm bandwidth centered at 1320 nm. It provides 1 % RMS power stability over time, making it a dependable light source for many optical applications. The ASE source is available as a user-friendly half-benchtop unit or as a compact OEM module, offering flexibility for both laboratory setups and system integration.

Applications

- Optical Communications
- Optical Coherence Tomography
- Component Testing
- Frequency Conversion
- Biomedical Sensing



Half-benchtop O-Band ASE Source

SETYF O-Band ASE Source Specifications

Parameter	Unit	Min	Max	Comments
OPTICAL				
Optical Bandwidth	nm	1275	1355	
Output Power (Pout)	mW	250		Higher Pout available
Output Power Tunability	%	5	100	
Output Beam Quality (M²)	a.u.	1.1		
Output Power Variation (RMS)	%	+/- 1		After 20 Min. Warm-up
Output Fiber Length	m	1		Longer Fiber at Request
Output Isolation	dB	20		
Connectors		FC/APC		Other Connectors or Collimators Available
ELECTRICAL				
Voltage	V	110-220		@ 60-50 Hz
Warm up Time	min	20		
Power Consumption	W	<25		25 °C, @ max Pout
Control Interface		USB		
Mode of Operation		ACC		
GENERAL				
Dimensions	inch	9.5		2U Rackmount Half-Benchtop
Operating Case Temp.	°C	15 to 30		

CUSTOMIZATION

The **CYBEL BT-SE-ASE-1315-0P25-Y** is a 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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