



Opto-Link
Corporation Ltd

Polarization Maintaining ASE 1050nm Light Source

(Wavelength: 1040 ~ 1085nm)

The Polarization Maintaining (PM) 1050nm Amplified Spontaneous Emission (ASE) light source has broad wavelength range covering from 1040nm ~ 1085nm. This light source using Ytterbium-doped fiber produces excellent stability and output power.



Types

- Bench Top

Applications

- Fiber Optic Sensing
- Optical Tomography
- Component Characterization
- High Power Fiber Laser

Features

- High Output Power
- Good Spectral Stability
- PM Fiber Output

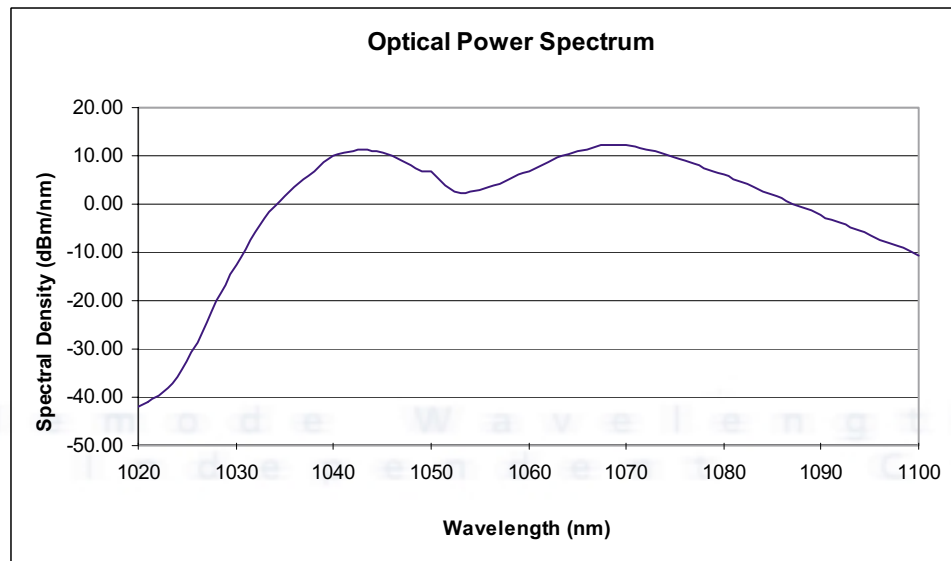


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SPECIFICATIONS

ASE 1050nm Light Sources (with PM Fiber)

Parameter	Specifications	Units
Output Power	500	mW
Operating Wavelength	1040 to 1085	nm
Spectral Density	> 0	dBm/nm
Output Stability (Over 8 hrs)	+/- 0.05	dB
Output Stability (Over 5 min)	+/- 0.01	dB
Output Isolation	> 30	dB
Polarization Extinction Ratio	> 20	dB
Operating Temperature	0 to 40	°C
Storage Temperature	-10 to 70	°C
Fiber Type	PM Fiber	--
Power Supply	80 to 240, 43 to 63Hz	V AC
Display	Pump Laser Driving Current	--
Interface	RS232	--
LED Indicator	Power Enable	--
Controls	Keylock Switch, Optical Output	--
Protection	Pump Laser Overheat	--
Safety Interlock	Included	--
Connector Type	FC/APC, Aligned to Slow Axis	--
Dimensions	19" 2U Rackmount	mm



ORDERING CODES

OLS15105 - B - P - -

Power	Code
+27 dBm	27
Others	XX

Connector Type	Code
FC/APC	FA
Others	XX

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Tel: +852 2480-6106 Fax: +852 2480-1621 Email: contact@optolinkcorp.com Website: www.optolinkcorp.com