

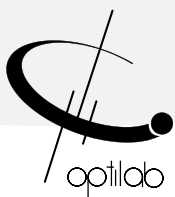


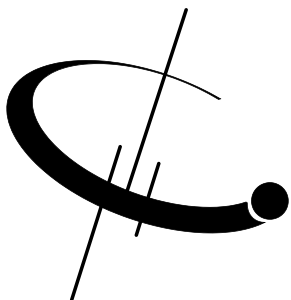
## OVERVIEW

## FEATURES

- USE IN

- ### FUNCTION DIAGRAM





# SOA-1064-B

## SPECIFICATIONS

Operating Wavelength	1050nm - 1080nm
Saturated Output Power @ -3 dB input	+18 dBm
Fiber-to-fiber Gain	Up to 40 dB @ small signal input
Noise Figure	8 dB typ.
Gain Ripple	0.3 dB typ.
Input Optical Return Loss	-55 dB typ.
Input/Output Isolation	30 dB min. (w/ isolator option)
Polarization Dependent Gain (PDG)	0.5 dB max
Polarization Extinction Ratio (PM type)	20 dB typ.
Power Stability	± 0.1 dB over 8 hours
Output Current Control	10% to 100% operating current

## GENERAL

Operating Temperature	10 °C to +50 °C
Storage Temperature	-10 °C to +70 °C
Operating Humidity	0% to 85% Relative Humidity
Fiber Type (Standard)	SMF-28 Input, SMF-28 Output
Fiber Type (PM) Version	PANDA PM Input, PANDA PM Output
Controls/Monitoring	Input/Output Monitor, Current Control via RS-232
Alarms	Overheat Warning
Power Supply	88 - 240 V, 43 - 63 Hz AC
Dimensions	16.5" x 12.5" x 5.25"

## MECHANICAL

