



Super Mini EDFA Module

The super Mini EDFA is a super compact gain module that supports APC/ACC working mode, can monitor and adjust the output optical power in real time, and can support real-time output LOS alarm and pump protection.

Features

- Ultra compact size
- Uncooled pump laser module
- Extremely Low Power consumption
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Applications

- Ultra small package
- 2.5/10/40/100G channel amplification

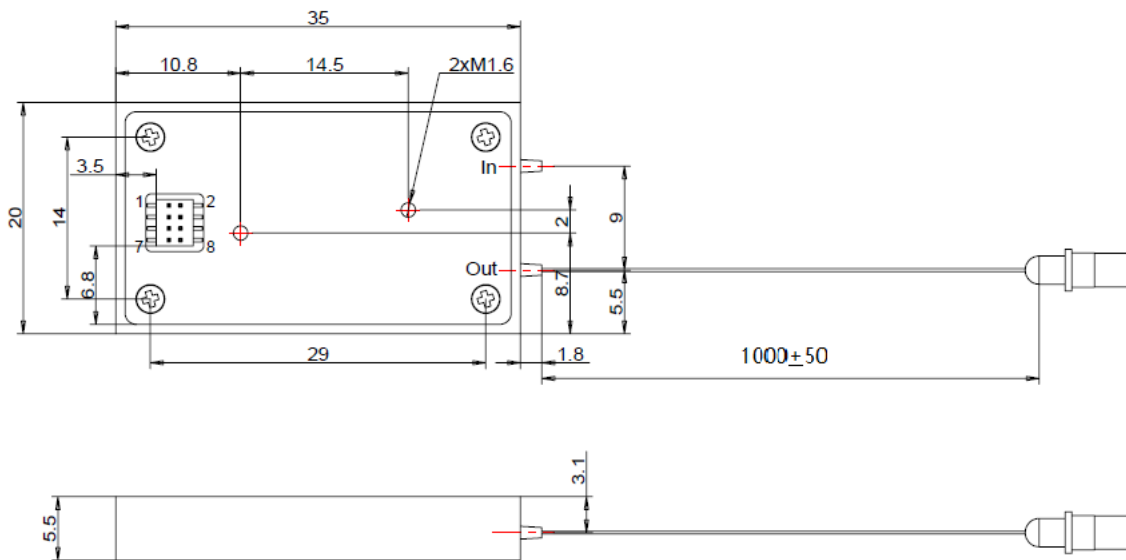
Environmental Specifications

Parameter	Min.	Typ.	Max.	Unit
Operation Temperature	0	25	+70	°C
Storage Temperature	-40	-----	+85	°C
Operation Humidity*	5	-----	85	%
Storage Humidity	5	-----	85	%

(*) not condensing

Operating Specifications

Parameter	Min.	Typ.	Max.	Unit
Supply Voltage	3.15	3.3	3.46	V
Power Dissipation			0.75	W



Optical Specifications

Parameter	Min.	Typ.	Max.	Unit
Wavelength	1528	1550	1568	nm
Input Power	-19		-5	dBm
Output Power	0		5	dBm
Output Power Variation	-0.1		0.1	dB
Noise Figure		5.5	6	dB
Isolation @ Input/Output Port	20			dB
Return Loss	40			dB
PMD			0.5	ps
PDG			0.3	dB



Parameter	Min.	Typ.	Max.	Unit
Return Loss	40			dB

Ordering information

Jabil Part Number	Package	Gain	Output Power	Other info
JP-EDFA-SUPERMINI-2405	module	24 dB	5dBm	

Contact information

For additional information and evaluation samples order, please contact:

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