

DATA SHEET

SUPER MINI EDFA MODULE

DESCRIPTION

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.



KEY FEATURES

Ultra compact size

Uncooled pump laser module

Extremely Low Power consumption

APPLICATIONS

Ultra small package

2.5/10/40/100G channel amplification

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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

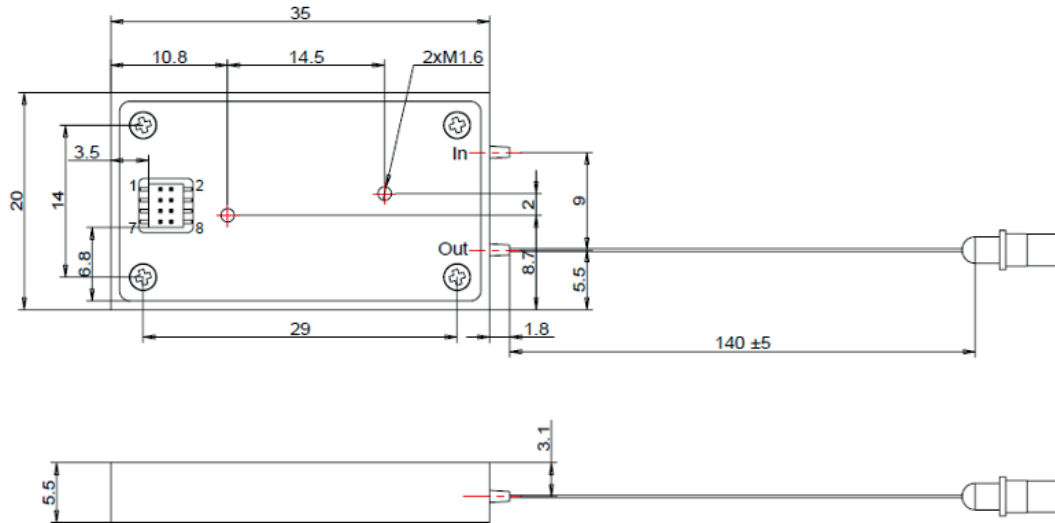
Parameter	Min.	Typ.	Max.	Unit
Supply Voltage	3.15	3.3	3.46	V
Power Dissipation			0.75	W

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

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DIMENSIONS



ORDERING INFORMATION

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

For additional information, visit jabil.com/photonics