

## 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

### 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

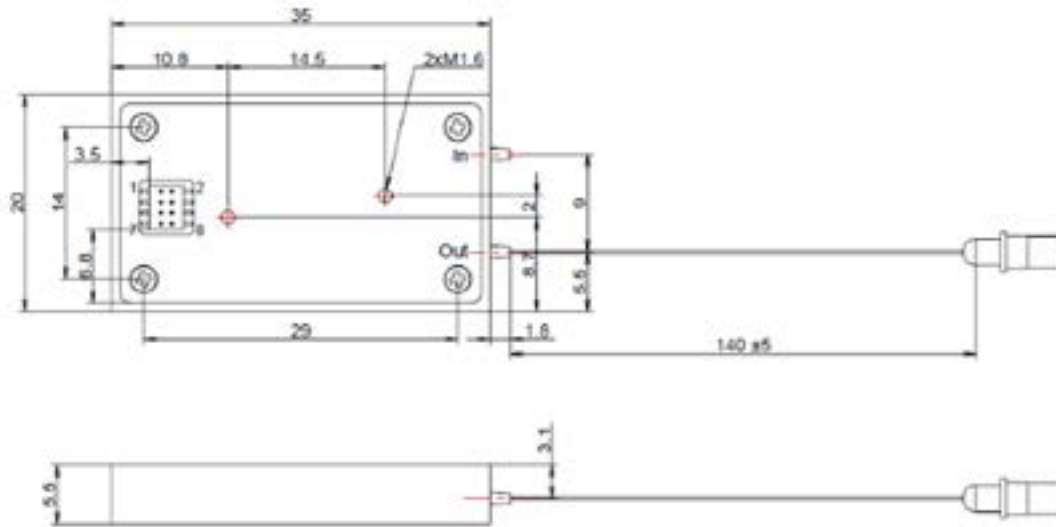
PARAMETER	MIN	TYP	MAX	UNIT
Supply Voltage	3.15	3.3	3.46	V
Power Dissipation			0.75	W

## 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

For additional information, visit [jabil.com/photonics](http://jabil.com/photonics)

## Dimensions



## Ordering Information

JABIL PART NUMBER	PACKAGE	GAIN	OUTPUT POWER
JP-EDFA-SUPERMINI-2405	Module	24dB	5dBm