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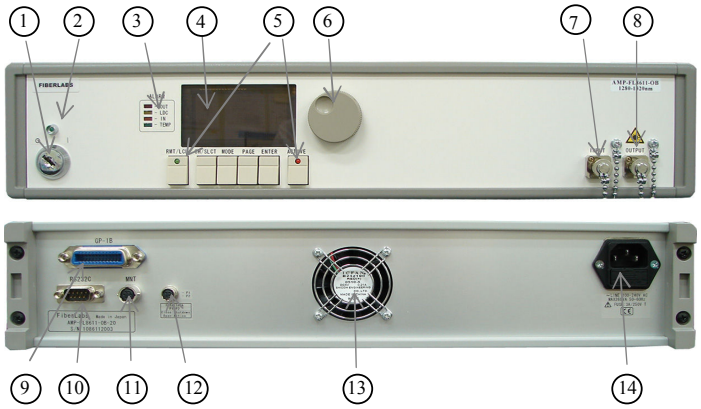
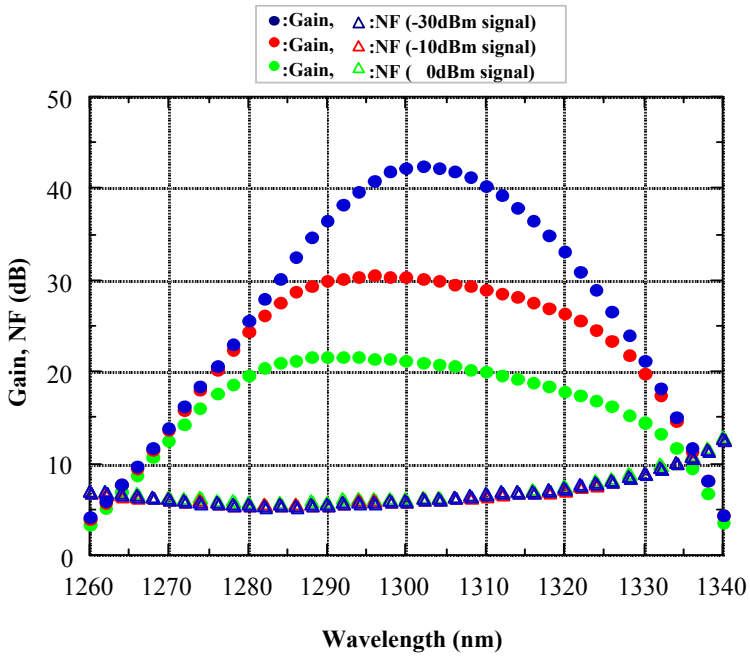
Data sheet - AMP-FL8611-OB-20 - O band -

1. Front / rear panel configuration



1	AC power key switch	8	Output port
2	AC power LED	9	GP-IB port
3	Status LED	10	RS232C port
4	Display	11	Service port
5	Control buttons	12	Remote interlock port
6	Adjustable dial	13	Fan
7	Input port	14	AC inlet for power supply

2. Gain/NF/Output power



3. Standard Specifications

Item	AMP-FL8611-OB-20
Signal Wavelength	1280 ~ 1320 nm
Maximum Output Power*1	> +20 dBm
Gain *2	> 35 dB
Noise Figure *2	< 7 dB
Input/Output Optical Isolation	> 40 dB
Amplifier control	ACC, ALC
Monitor items	Input power, Output power, Pumping LD current, Pumping LD temperature, Case temperature
Safety function	Remote shutdown interlock
Loss of Input Power Alarm & Interlock	< -10 dBm
Remote control Interface	RS232C / IEEE488.1(GP-IB)
Input/Output Fibers	SMF
Optical Connectors	FC/PC
Operation Temperature	0 ~ 40 ºC
Storage Temperature	-10 ~ 60 ºC
Size (not including protrusions)	88(H) x 430(W) x 350(D) mm
Power consumption	< 50W
Weight	10 Kg
Power Supply	AC100 ~ 240 V (50/60 Hz)
Laser Class	Class 3B

*1 Input signal : > 0 dBm@1310 nm

*2 Input signal : -30 dBm@1310 nm

4. Options

Option 012	FC/APC optical connector
Option 013	SC/PC optical connector
Option 014	SC/APC optical connector
Option 093	Reflection from output port interlock (Reflected power monitor)
Option 123	Rack-mount kit for large box (W430)

Op. 123

・The specifications are subject to change.
・All functions, characteristics and exterior design can be optimized according to customer requirements.

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