

Single-port Optical Amplifier

FITELWAVE OA-4000

FH-MF-1201C

FH-FA-12xx□



Main Features

- Single-port amplifier suitable for distribution of FTTH video data.
- EIA/ JIS 19-inch rack mountable subrack.
- Scalable card type amplifier (four cards in a subrack at the maximum)
- High power optical output of +22dBm per a card.
- Hot-swappable redundant power supply cards, adding additional reliability.
- Optical monitor port available.
- Manageable through Simple Network Management Protocol (SNMP).
- Console port for setup and monitoring.
- Web-GUI inside, for monitoring parameters from usual Web-browser.

Specifications

	ITEM	SPECIFICATION	
		FH-FA-1202A	FH-FA-1204A
IN	Wavelength	1550~1560nm	
	Number of Wavelength	1ch	
	Optical Input Power Range	+3~+8dBm	0~+10dBm
	Optical Connectors	SC-APC (Angled)	
OUT	Optical Fiber	SMF	
	Optical Connectors	SC-APC (Angled)	
	Number of Ports	1 port	
	Optical Return Loss	40dB or larger	
	Optical Output Power	+22dBm typ.	
	Monitor Output	-3dBm ±2.0dB	0dBm ±2.0dB
	Noise Figure	≤ 6.5dB@Pin=+3dBm	≤ 5.0dB@Pin=0dBm
MANAGEMENT	Interface	SNMP/ Web/ Telnet	
	Alarm	Loss of Input, Output Deterioration, Abnormal LD Current, Abnormal LD Temperature, PU-Alarm, FAN-Alarm, etc.	
	Monitor	Input Power, Output Power, LD Current, LD Temperature, etc.	
	Control	Optical output enable/ disable, etc.	
	LED	IN (Loss of Input), OUT(Output Deterioration), REF(Optical Reflection), TEMP(LD Temperature),FAIL(Total Alarm): Red LED is Lit in case of alarm. LD (Pump enable/ Disable) : Green LED is lit in case that the pump LDs are activated.	IN (Loss of Input), FAIL(Total Alarm) : Red LED is Lit in case of alarm. LD (Pump enable/ Disable) : Green LED is lit in case that the pump LDs are activated. POW: Green LED is lit in case that electric power is supplied to the equipment.
OTHERS	Laser Safety	Class 3B: Laser Product: IEC 60825-1 Edition 1.2 (2001-08)	
	Power Supply / Consumption	AC100V/ 480VA or DC-48V/ 550W at the maximum with all the cards fully installed.	
	Cooling	Forced Air Cooling by redundant cooling fans.	
	Environment	Operating Temperature: 0~+40 deg.C/ Operating Humidity 20~80% (w.o. condensation)	
	Mechanical	JIS/EIA 19-inch rack mountable subrack (Please use supporting angles)	
	Dimensions	483(W) x 221.5(H) x 399(D) mm (Excluding protrusion.)	



Caution

For safe use of this product, please never fail to read through the product manual before starting to use it.

- Standard configuration:

-Amplifier unit

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* Output power per port can be customized according to the customer's request.

-Subrack

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-Power Unit

FH-PB-1201B (Both of AC100V and DC-48V)

-SV (Supervisory) Unit

FH-SV-1301A

** Specifications and appearance of the product may be changed in the future without any prior notification.*

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