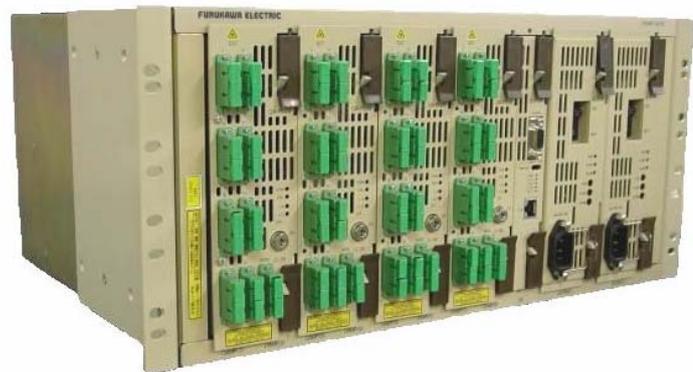


Multi-port Optical Amplifier

FITELWAVE OA-PLUS

FH-MF-1201C

FH-FA-13xx□



Main Features

- Multi-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 from each of the 16 output ports per a card.
- Per-port output power selectable from: +20dBm, +18dBm, +16dBm, Typ.
- A single subrack serving 2,048 subscribers at the maximum.
- 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	
IN	Wavelength	1550~1560nm	
	Number of Wavelength	1ch	
	Optical Input Power Range	+10dBm typ.	
	Optical Connectors	SC-APC (Angled)	
OUT	Optical Fiber	SMF	
	Optical Connectors	SC-APC (Angled)	
	Number of Ports	16	
	Optical Return Loss	40dB or larger	
	Optical Output Power (Per Port)	Model: FH-FA-1301A	: +16dBm / port
		Model: FH-FA-1302A	: +18dBm / port
		Model: FH-FA-1303A	: +20dBm / port
	Monitor Output	0dBm +/- 2dB	
	Optical Connectors	SC-APC (Angled)	
Uniformity of Output Ports	≤ 2 dBp-p		
Noise Figure	≤ 14dB@Pin=+10dBm (Typ. 6dB when combined with OA-BASE(FH-FA-21XX_) as a pre-amplifier.)		
MANAGEMENT	Interface	SNMP/ Web/ Telnet	
	Alarm	Loss of Input, Output Deterioration, Abnormal LD Current, PU-Alarm, FAN-Alarm, etc.	
	Monitor	Input Power, Output Power, LD Current, Amplifier Case Temperature, etc.	
	Control	Optical output enable/ disable, etc.	
	LED	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 1M: 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

FH-FA-1301A : +16dBm / port

FH-FA-1302A : +18dBm / port

FH-FA-1303A : +20dBm / port

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

-Subrack

FH-MF-1201C

-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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Bound to  **Innovate**
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