

High Power Optical Amplifier Series

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HFA is a high power fiber amplifier for FTTH/CATV application, in HFA there is a multimode clad-pumped Er-Yb fiber amplifier developed by Accelink, its total output power can go up to 33dBm with easy maintenance, it can be used for different FTTH/CATV applications. And HFA module can be provided also.

Features

- High power and low noise figure, wide operating wavelength range
- Standard 2U rack mount, different output level
- Flexible monitoring interface
- Convenient installation and maintenance

Applications

- FTTH/PON

Specifications

Parameter	Unit	Value								
		HFA-S-27			HFA-S-30			HFA-S-33		
		Min.	Typ.	Max.	Min.	Typ.	Max.	Min.	Typ.	Max.
Operation Wavelength	nm	1545~1565								
Input Optical Power	dBm	-5 ~ +10								
Total Output Optical Power	dBm	27			30			33		
Total Output Power Difference	dB	1.0			1.0			1.0		
Noise Figure	dB	5.5			5.5			5.5		
Input/Output Isolation	dB	45			45			45		
Gain Polarization Dependent	dB	0.3			0.3			0.3		
Polarization Mode Dispersion	ps	0.7			0.7			0.7		
Power Consumption	W	25			35			50		
Operation Temperature	°C	0 ~ +50								
Storage Temperature	°C	-20 ~ +75								
Package	mm	Refer to the ordering information								

Ordering information

HFA - [] - [] - [] - [] - [] - [] - [] - []

CATV Signal	Total Output	Output Port Number	Input Ports	Output Ports	Power Input	Package
S:single wavelength	27:27dBm 30: 30dBm 33: 33dBm	01:1 04:4 08:8 16:16	1:SC/APC 2: LC/APC 3:customer specify	1:SC/APC 2:LC/APC 3:customer specify	A:DC-48V	12:480×280×88