

OFA-BPA-001 Built-front Power Amplifiers For Engine Room

MODEL: OFA-BPA-001



Specifications:

1GHz working platform, high output, low distortion, excellent flatness in band
Humanized display of using time, temperature, voltage, optical power and failure warning
Built-in sound control circuit and a microcomputer automatically embedded blue front panel LCD display, accurate real-time monitoring of various working state amplifier, RF output power to ensure stability.

Excellent ability of multistage lightning protection, automatic temperature control and automatic power switching, ensure long-time stable and continuous working in an adverse environment.
Beautiful 19-inch standard rack case, the structure of scientific and reasonable process, excellent overall performance indicators is an essential pre-amplifier for all CATV engine room.
Intelligent: RG-45 Ethernet interface is optional, for implementing a monitor system under (GB/T 20030—2005 Specification of Equipment Management System of HFC Network).

Technical parameter:

Items	Unit	Technical Parameter			
Frequency Band	MHZ	45~750/862			
Nominal Gain	dB	18	20	26	30
Minimal Gain	dB	≥18	≥20	≥26	≥30
Nominal Output Power	DBuV	96	98	104	108
Nominal Input Power	DBuV	78			
Max Output Power	DBuV	110			
Flatness In Band	dB	±0.5			
Noise Coefficient	dB	≤8			
RF Reflection Loss	dB	≥16			
C/CTB	dB	≥70	≥69	≥67	≥61
C/CSO	dB	≥66	≥67	≥64	≥60
Gain Adjust Range	dB	1~20dB adjustable continuously			
Signal Hum Ratio	%	<2			
Gain Stability	dB	±0.5			
Output Impedance	Ω	75			
Power Voltage	V	AC135~265 or AC35~90			
Working Temperature	°C	-20~+50			
Storage Temperature	°C	-30~+70			

Test conditions: Measurement C/CTB and C/CSO indicators, during the 750MHz (112.25~743.25MHz) frequency range, arrange 79th, PAL-D analog TV channel signal.

Due to continuous improvement, all products specifications are subject to change without further notice. Contact us for custom requirements. E-mail: Sales@zhtelecomm.com Website: www.zhtelecomm.com Tel: +86-01081593787 Fax: +86-01081593789