



Item # 50AB6, 6 Channel 50 Watt RF Phased Array System

The E&I 50AB6 is a broadband solid state amplifier system covering the frequency spectrum from 500 KHz to 3 MHz. It is rated at 50 watts of RF power per channel. A quasi linear Class AB design, the 50AB6 will amplify inputs of AM, FM, SSB, pulse and any complex modulation signals. Each channel has 30 dB gain, that is variably controlled by a 0 to 10 Volt signal

- 6 Channels
- 50 Watts/Channel
- 0 to 40 dB gain
- DC Input Control

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Primary Performance Characteristics

# Channels	6
Rated Power	50 Watts/Channel
Start Frequency	500 kHz
Stop Frequency	3 MHz
Power Gain	30 dB
Class of Operation	Class AB

Specifications

Gain Flatness	±1.5 dB
Harmonic Level	-15 dBc
Connectors	BNC - RF, SMB - Gain Control
Power Requirements	100 to 264 VAC, 47 to 63 HZ
Operating Temperature	0 to 40 °C

Form Factor

Height	51 in 1,295 mm
Width	23.25 in 591 mm
Depth	30 in 762 mm
Weight	220 lb 100 kg