



Item # 90AB8, 8 Channel 90 Watt RF Amplifier System

The E&I 90AB8 is a broadband solid state amplifier system covering the frequency spectrum from 250 KHz to 150 MHz. It is rated at 90 watts of RF power per channel. A quasi linear Class AB design, the 90AB8 will amplify inputs of AM, FM, pulse and complex modulation signals. Each channel has 50 dB gain. Each channel has its own dedicated input and output. However, these may be configured to a single input and single output to provide up to 700 watts

- 8 Channels
- 90 Watts/Channel
- 0 to 40 dB gain
- DC Input Control

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Primary Performance Characteristics

# Channels	8
Rated Power	90 Watts/Channel
Start Frequency	250 kHz
Stop Frequency	150 MHz
Power Gain	50 dB
Class of Operation	Class AB

Specifications

Gain Flatness	±1.5 dB
Connectors	BNC - RF, N - Combined Output
Power Requirements	200 to 240 VAC, 30A Max 50/60 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	395 lb 180 kg