



Item # 10AB61, 61 Channel 10 Watt RF Phased Array Amplifier System

The 10AB61 produces 10 Watts per channel that is controlled by a DC input of 0 to 10 Volts. The individual channels are phased matched to facilitate operation in phased array systems. The gain control is implemented by the control of the RF MosFet bias through a logarithmic amplifier. Thereby, reducing the phase change with power change.

- 61 Channels
- 10 Watts/Channel
- 0 to 40 dB gain
- Minimal Phase Variation

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Primary Performance Characteristics

# Channels	61
Rated Power	10 Watts/Channel
Start Frequency	500 kHz
Stop Frequency	3 MHz
Power Gain	25 dB
Class of Operation	Class AB

Specifications

Gain Flatness	±1.5 dB
Harmonic Level	-13 dBc
Connectors	BNC - RF, SMB - Gain Control
Power Requirements	200 to 240 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	440 lb 200 kg