

## Features

- Fixed Frequency
- Low noise
- Easy to use interface
- Fast rise fall time

## Applications

- Driving AO Modulators

## General Description

EM4 offers drivers configured for either analog or digital modulation control. Specifically designed for controlling our AO Modulators, the RF output is internally set to a single frequency.



## Ordering Information

Part	Frequency	RF Power
EM438	200 MHz	2.5 W

## Modulation Input

Parameter	Value
Input Impedance	50 ohms
Digital Input (SMB )	Standard TTL

## RF Output

Parameter	Value
Center Frequency (Fc)	200MHz $\pm$ 0.1%
Output Power (SMA Female)	2.5W
Rise/Fall Time	4 nsec Max
RF Contrast Ratio	35 dB min
Harmonic Distortion	-20 dBc
Output Impedance	50 Ohms
Output VSWR	1.5 : 1 Max
Power supply voltage	+24 V @ 600mA

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