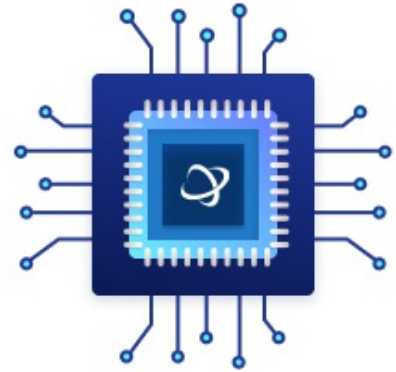


WIDEBAND HIGH GAIN POWER AMPLIFIER MODULE, 2 - 20 GHz

Manufacturers	Analog Devices, Inc
Package/Case	USA LICENCE
Product Type	RF Integrated Circuits
RoHS	Pb-free Halide free
Lifecycle	



Images are for reference only

Please submit RFQ for HMC-C026 or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

General Description

The HMC-C026 is a GaAs MMIC PHEMT Distributed Power Amplifier in a miniature, hermetic module with replaceable SMA connectors which operates between 2 and 20 GHz. The amplifier provides 30 dB of gain, 2.5 dB noise figure, +30 dBm output IP3 and up to +26 dBm of output power at 1 dB gain compression.

The wideband amplifier I/Os are internally matched to 50 Ohms and are DC blocked making the HMC-C026 ideal for EW, ECM RADAR and test equipment applications. Integrated voltage regulators allow for flexible biasing of both the negative and positive supply pins, while internal bias sequencing circuitry assures robust operation.

Typical Applications

Telecom Infrastructure

Microwave Radio & VSAT

Military & Space

Test Instrumentation

Fiber Optics

Features

Gain: 30 dB @ 8 GHz

P1dB Output Power: +26 dBm @ 8 GHz

Noise Figure: 2.5 dB @ 8 GHz

Spurious-Free Operation

Regulated Supply and Bias Sequencing

Hermetically Sealed Module

Field Replaceable SMA connectors

Application

Telecom Infrastructure

Microwave Radio & VSAT

Military & Space

Test Instrumentation

Fiber Optics

Related Products



[HMC3653LP3BE](#)

Analog Devices, Inc
QFN-12



[HMC253AQS24](#)

Analog Devices, Inc
24-SSOP (0.154, 3.90mm Width)



[HMC358MS8GE](#)

Analog Devices, Inc
MSOP-8



[HMC453ST89E](#)

Analog Devices, Inc
ST89E



[HMC441LP3E](#)

Analog Devices, Inc
QFN-16



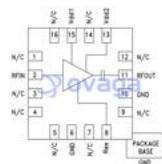
[HMC948LP3E](#)

Analog Devices, Inc
LP3



[HMC490](#)

Analog Devices, Inc
SMD



[HMC618ALP3E](#)

Analog Devices, Inc
QFN-16