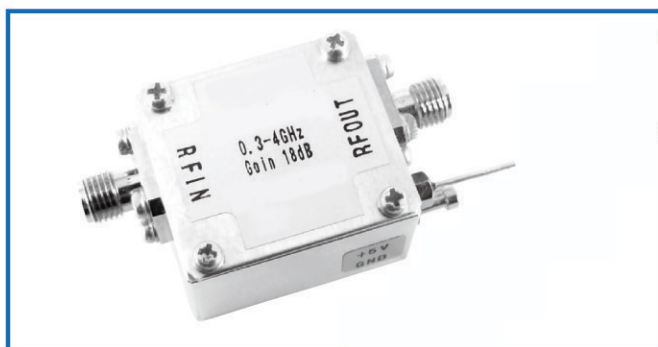


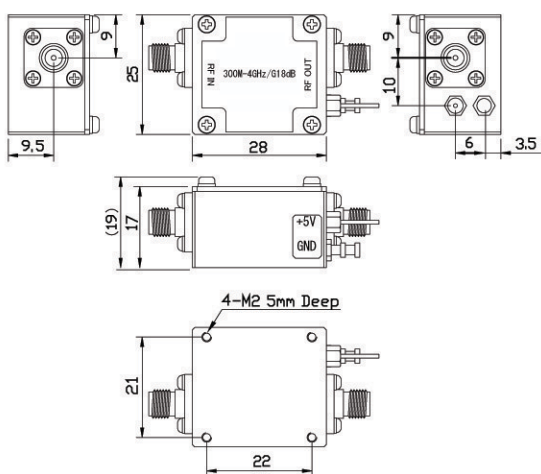
LOW POWER AMPLIFIER

HD29972-SMA



OUTLINE DRAWING

※ IN MILLIMETERS



- Broadband Frequency : 0.3GHz~4GHz
- Output Power : +14dBm @4GHz
- Gain Flatness : ± 1.5 dB

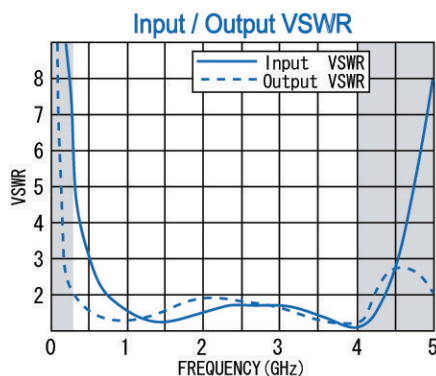
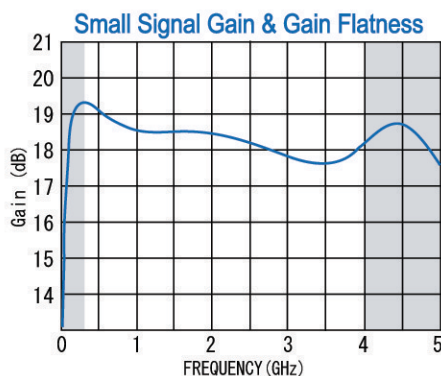
SPECIFICATIONS

Frequency Range	: 0.3—4GHz
Small Signal Gain	: +18dB (typ.) @4GHz : +16dB (min.)
Gain Flatness	: ± 1.5 dB (max.)
Output Power@1dB Comp.	: +14dBm (min.) @4GHz
Output I.C.P.	: +29dBm (typ.) @4GHz
Noise Figure	: 6.0dB (max.)
Impedance	: 50 Ω
Input VSWR	: 2.0 : 1 (typ.)
Output VSWR	: 2.0 : 1 (typ.)
DC Supply Input	: +5V ± 0.2 V : 100mA (max.)
Maximum RF Input Power	: +3dBm(max.)
Operating Temperature	: - 20°C to + 60°C
Storage Temperature	: - 20°C to + 80°C
Connectors	: SMA-FEMALE
Weight	: 35g (1.2oz) (typ.)

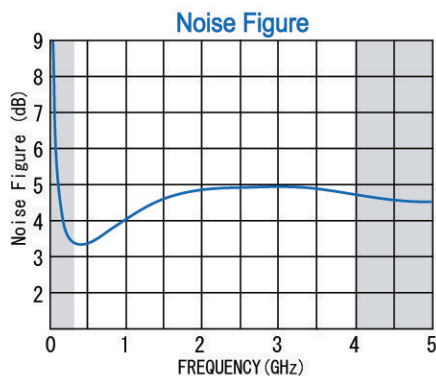
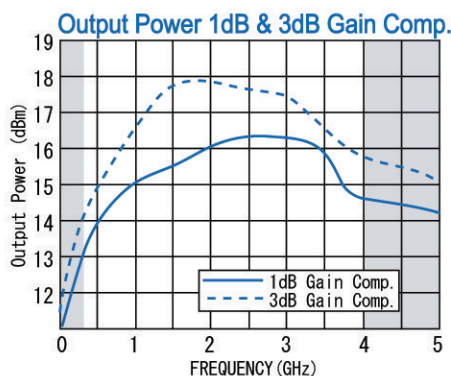
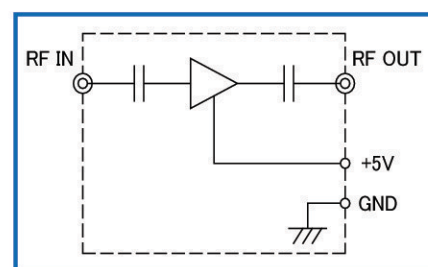
HOW TO ORDER

Model Name
HD29972-SMA

TYPICAL PERFORMANCE (Temp @+25°C)



SCHEMATIC



HD Communications Corp.

332-C Dante Ct. Holbrook, NY 11741

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