

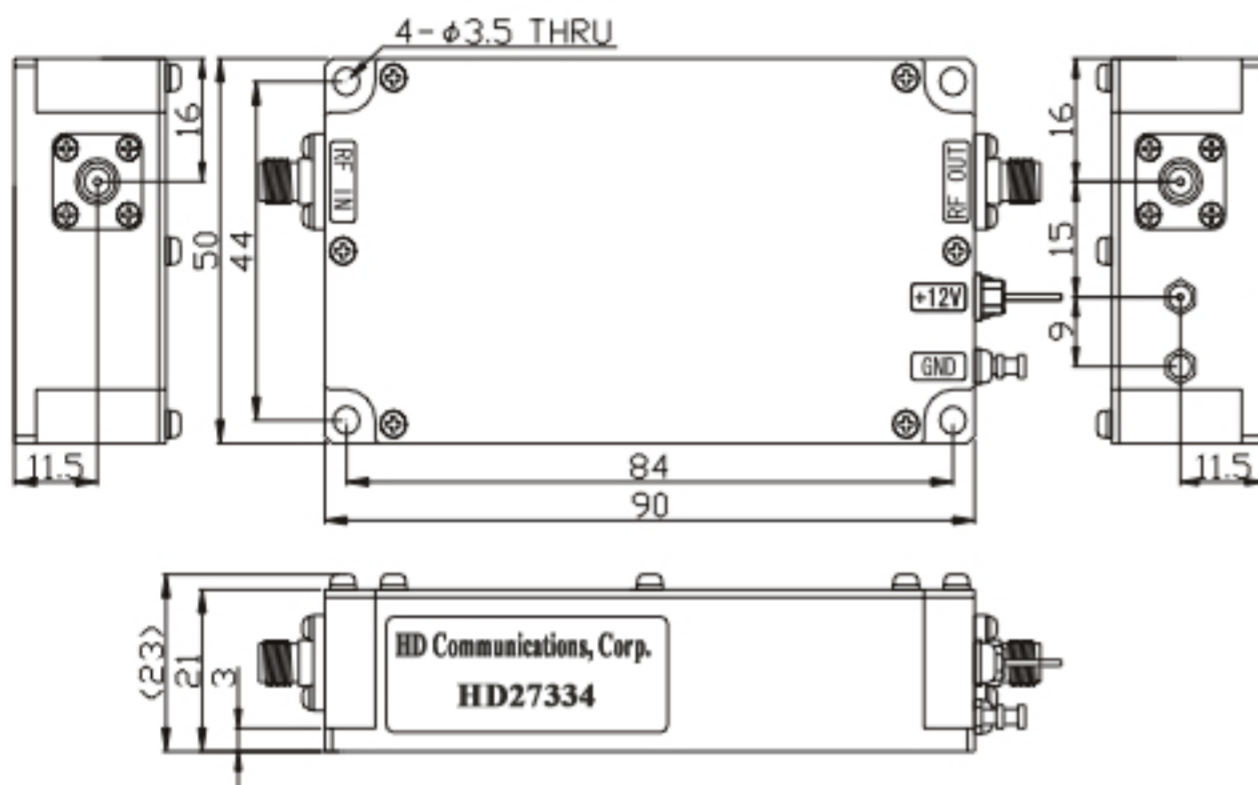
HD Communications, Corp.

HD27334



OUTLINE DRAWING

※ IN MILLIMETERS



Base plate must be grounded and mounted to heat sink to guarantee operation up to maximum temperature.

- Broadband Frequency : 0.2 ~ 300MHz
- Output Power : +35dBm @100MHz
- Gain Flatness : ±1.5dB (max.)
- Low Cost
- RoHS Compliance

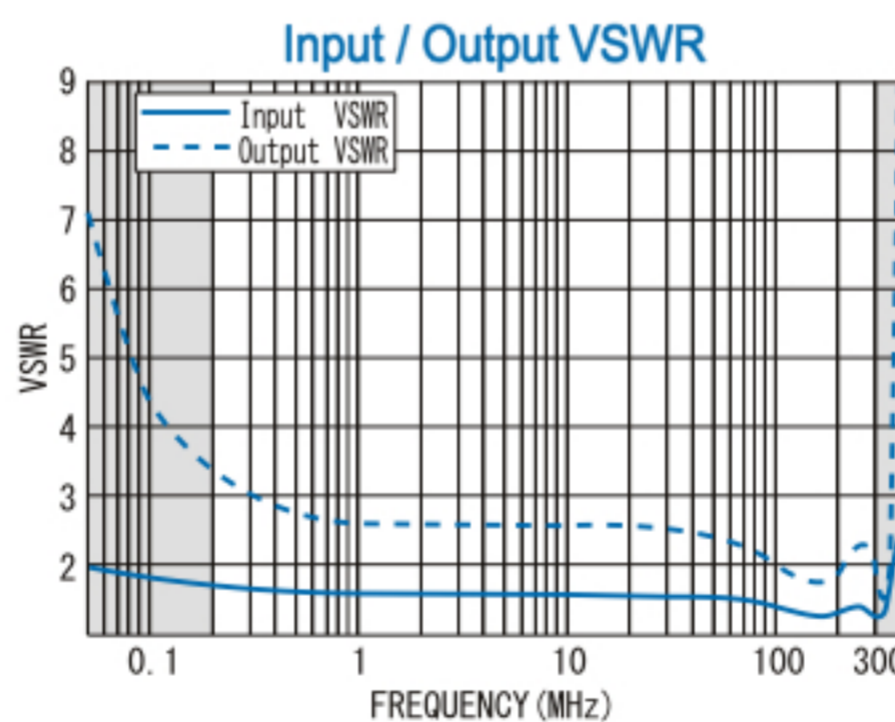
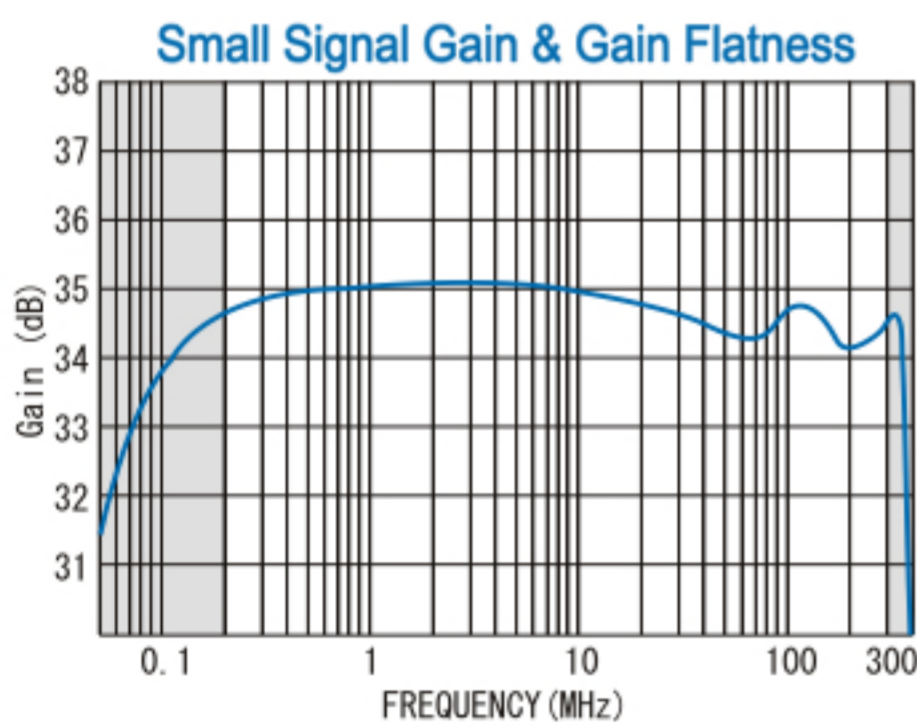
SPECIFICATIONS

Frequency Range	: 0.2 - 300MHz
Small Signal Gain	: +34dB (typ.) @100MHz : +33dB (min.)
Gain Flatness	: ±1.5dB (max.)
Output Power@1dB Comp.	: +35dBm (min.)@100MHz
Output I.C.P.	: +46dBm (typ.)@100MHz
Noise Figure	: 9.0dB (max.)
Impedance	: 50 Ω
Input VSWR	: 1.5 : 1 (typ.)
Output VSWR	: 3.0 : 1 (typ.)
DC Supply Input	: +12V ±1V : 1000mA (max.)
Maximum RF Input Power	: +7dBm
Operating Temperature (@Base Plate Temp.)	: -20°C to +60°C
Storage Temperature	: -20°C to +80°C
Connectors (Standard)	: SMA-FEMALE
Connectors (Option)	: BNC-FEMALE : N-FEMALE
Weight (SMA Connector)	: 185g (typ.)

HOW TO ORDER

Model Name	S = SMA - FEMALE
HD27334-0S	B = BNC - FEMALE
	N = N - FEMALE
	0 = Module
	1 = With Heat Sink

TYPICAL PERFORMANCE (Temp @+25°C)



SCHEMATIC

