

Amplifiers - Low Noise Amplifiers

General Features

- Frequency coverage: 50 – 350 GHz
- Full band and narrow band
- Lowest Available Noise Figure
- High P-1dB
- Low Power Consumption

Specifications

Model	Frequency (GHz)	Gain (dB), typical	Noise Figure, dB typical	Waveguide	Standard Flange
THZLNA-15FB	50 – 75	30	< 3.0	WR 15	UG 385/U
THZLNA-12FB	60 – 90	18	< 5.0	WR 12	UG 387/U-M
THZLNA-12FBH	60 – 90	38	< 5.0	WR 12	UG 387/U-M
THZLNA-10FB	75 - 110	18	< 3.5	WR 10	UG 387/U-M
THZLNA-10FBH	75 – 110	40	< 3.5	WR 10	UG 387/U-M
THZLNA-06FB	110 - 170	15	4.5 @ 145 GHz	WR 06	UG 387/U-M
THZLNA-05FB	140 – 220	20	< 7.5 mid band	WR 05	UG 387/U-M
THZLNA-04NB	210 - 260	18	< 7.5	WR 04	UG 387/U-M
THZLNA-03NB	250 - 350	25	< 12	WR 03	UG 387/U-M
THZLNA-2.8NB	250 – 350	25	< 12	WR 2.8	UG 387/U-M

Notes

1. Test Data : Gain or S parameters are provided as standard, with noise figure data
2. **How to make a request:** select one of the Models above, or provide specifications including frequency range, noise figure, gain, and waveguide size; and send email to: sales@vivatechthz.com

Note : Photos and Test Data are non-contractual and subject to change

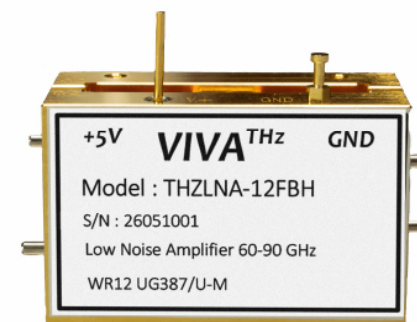


Figure 1 Model THZLNA-12FBH

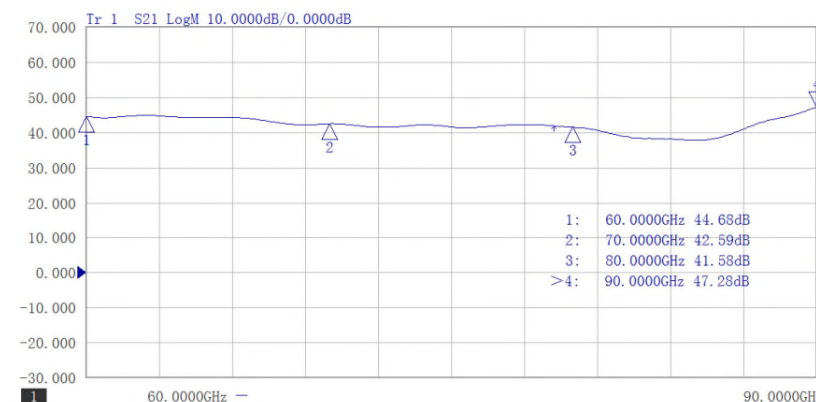


Figure 2 THZLNA-12FBH Gain