



Features

- Gain: 45dB Typ.
- P1dB: 17dBm Typ.
- Customization Available

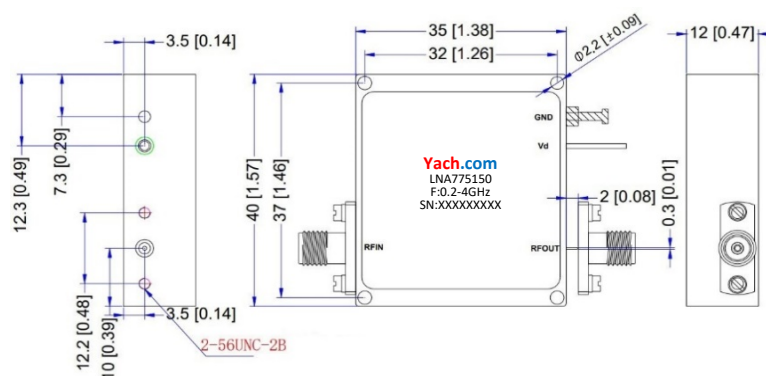
Applications

- Communication Systems
- Receivers Systems
- Radar Systems

Parameter	Min.	Typ.	Max.	Unit
Frequency	0.2		4	GHz
Gain	42	45		dB
Gain Flatness		± 1.5	± 2	dB
Input Output VSWR		2.0		/
Output IP3		25		dBm
Noise Figure		3	4	dB
Output Power for 1 dB Compression (P1dB)		17		dBm
Output Power (Psat)		18		dBm
Spurious		-60		dBc
Input Max Power(no damage)			-25	dBm
Supply Current (Idd) (Vcc=+12V)		250		mA
Impedance		50 Ω		
Input Output Connector		SMA Female		
Material		Aluminium		
Weight		50 g		
Package Sealing		General Sealing (Standard)		
Operational Temperature		-45°C~+85°C		
Storage Temperature		-55°C~+125°C		

Yach reserves the right to change this datasheet without notice!

Outline Drawing: All Dimensions in mm[inches] Tolerance $\pm 0.25[0.01]$



Heat Sink required during operation