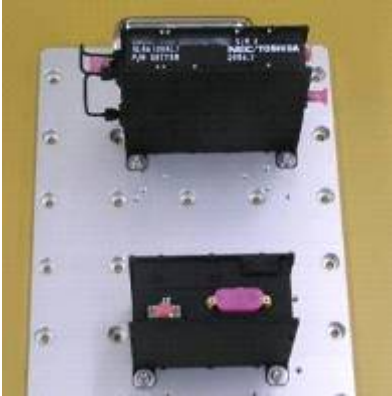


Heritage Low Noise Amplifier Line Up

S-band LNA/Dedicated EPC



Specification Table

Parameter	Unit	Typical Performance
Operational Frequency Range	MHz	2660 to 2690
Usable Bandwidth	MHz	30
Gain	dB	47.5 nom.
Gain Flatness	dBp-p	0.4 max. (over 30MHz)
Gain Tracking (11units)	dB	0.5 max.
Phase Tracking (11units)	deg	0.2 max. any 10degC
Noise Figure	dB	0.9 max. (at ambient and BOL) 1.15 max. (over temperature and EOL)
Power Consumption	W	1.2 max.(Each LNA + EPC)
Mass		
Redundant LNA	g	530 max.
Dual EPC	g	380 max.

Main Characteristics

- o Low noise figure and high gain performance
 - Noise figure: 0.9 dB max.
 - Gain: 47.5 dB nom.
- o Light weight and small size
 - Mass: 0.530 kg (Redundant LNA) , 0.380 kg (Dual EPC)
 - Size: 173x65x120 mm (Redundant LNA) , 110x77x99 mm (Dual EPC)
- o Frequency 2660 to 2690 MHz
- o S-band LNA Assembly are 2 for 1 redundant configuration which consists of 2 RF Amp and Input/Output switch.
- o Dual EPC (power supply) provide bias voltage for the LNA.