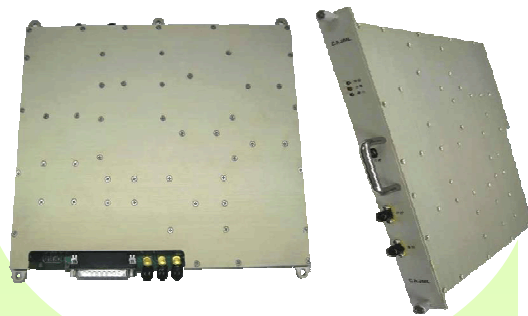


L-band Transceiver Card & Rack Type



Specifications.

1.TX Specifications

No	Parameter	Specification	Unit
1	Input Frequency	7.2	MHz
2	Input Power	-7	dBm
3	Output Frequency	950~1450	MHz
4	Output Power	-5±2	dBm
5	Output VSWR	≤1.5:1	
6	ATT Range	0~40	dB
7	ATT Step size	±0.7	dB
8	Spurious	≤ -55	dBc
9	Output power flatness BW 500MHz	≤ ±2	dB
10	Output power flatness BW 500MHz	≤ ±0.5	dB
11	Frequency Hopping Step size	96	kHz
12	Frequency Hopping Time(100MHz)	≤ 15	usec
13	Phase noise	@100Hz	-65 dBc
		@1kHz	-75 dBc
		@10kHz	-85 dBc
		@100kHz	-95 dBc

2.RX Specifications

No	Parameter	Specification	Unit
1	Input Frequency	950~1450	MHz
2	Input Power	-55~-15	dBm
3	Input VSWR	≤1.5:1	
4	Output Frequency	7.2	MHz
5	Output Power	-2±1	dBm
6	IF 3dB BW	64	KHz
7	Spurious	≤ -55	dBc

3. ETC. Specifications

No	Parameter	Specification	Unit
1	Module Size	227.3×262.5×25	mm
2	DC Voltage	12 / 5 /3.3 /-5	V
3	Operating TEMP.	-30~50	°C

■ Features

- ▶ Frequency Band : 950MHz ~ 1450MHz
- ▶ Spurious: -55dBc
- ▶ ATT Range: 0~40dB, step 1dB
- ▶ Frequency Hopping Time(100MHz) - 15usec
- ▶ Phase noise : -65dBc @100Hz
-75dBc @1kHz/
-85dBc@10 kHz
-95dBc@100kHz

■ Applications

- ▶ Army communications satellite system modem