

- Low phase Noise HDTV-DVBS2 compliant
- Low Noise figure of 0.2 dB
- Low Power consumption
- Very high Cross-Pole performance
- Very high Frequency stability
- 5 years warranty



No.	ITEM	SPECIFICATION	UNIT
1	Low Band I/P Frequency Range	10.7 ~ 11.7	GHz
2	LO Frequency	9.75	GHz
3	Noise Figure	1.3[max.]	dB
4	High Band I/P Frequency Range	11.7 ~ 12.75	GHz
5	LO Frequency	10.6	GHz
6	Noise Figure	1.3[max.]	dB
7	LO Initial Accuracy	± 1.0	MHz
8	LO Temperature Drift	± 2.5	MHz
9	LO Phase Noise@10K Hz	-80[min]	dBc / Hz
10	Conversion Gain	57 [min.]	dB
11	Gain Variation	± 0.75	dB/36 MHz
12	Image Rejection	40 [min.]	dB
13	Cross-pole Isolation	20 [min.]	dB
14	O/P 1 dB Compression Point	0.0 [min.]	dBm
15	O/P VSWR	2.5 : 1	~
16	Output Impedance	75	Ω(F-Type)
17	IF Channel bandwidth	60	MHZ
18	Output IF Channel 1 (SCR0)	1680	MHZ
19	Output IF Channel 2 (SCR1)	1420	MHZ
20	Output IF Channel 3 (SCR2)	2040	MHZ
21	Output IF Channel 4 (SCR3)	1210	MHZ
22	Channel isolation	20 [typ.]	dB
23	SCRs' control	LNB0=>13V/0K , LNB1=>13V/22K (V)	
24	SCRs' control	LNB2=>18V/0K , LNB3=>18V/22K (H)	
25	Control Signals	Diseqc.-ST	
26	DC Power	13.5v @280mA[max]	V/mA
27	Working Temperature	- 30 ~ + 60	
28	Weight	400	g