

PREMIUM SINGLE LNB



- High Performance PLL type Ku-Band LNB
- Fully HD (DVB-S2) Compliant & 3D Ready
- Easy Installation (40mm)
- Superb Non Drift Performance
- L.O. Accuracy & Stability Within +/- 1.5MHz
- 100% Water Leak Proof



SPECIFICATION	LOW BAND	HIGH BAND
Input Frequency Range	10.7~11.7 Ghz	11.7~12.75 Ghz
F/d Ratio	0.5~0.7	
Cross Pol. Isolation	20 Db (Min.)	
Noise Figure	0.7 Db (Typical)	0.7 Db (Typical)
Conversion Gain	58 Db (Typical)	
Gain Flatness	±0.5 Db / 27 Mhz (Max.)	
Output Frequency	950 ~ 1950 Mhz	1100 ~ 2150 Mhz
L.O. Freq.	9.75 Ghz	10.60 Ghz
L.O. Freq. Stability (25°C)	±0.5mhz	±0.5mhz
(-40°C ~ 60°C)	±1.5mhz	±1.5mhz
L.O. Phase Noise	-65dbc / Hz (@ 1khz) -80 Dbc / Hz (@ 10khz) -90 Dbc / Hz (@ 100khz)	
Output Power Level	0 Dbm (Min.) (At 1 Db Gain Compression)	
Image Rejection	40db (Min.)	
Output Vswr	2.5 : 1 (Max.)	
Output Connector	75 Ω F Type Female	
Dc Current Consumption	110ma (Max.)	
Operating Voltage	(1) 11.5 ~ 14.0 V → Vertical Polarization (2) 16.0 ~ 19.0 V → Horizontal Polarization (3) Continuous 22khz ± 4khz→high Band Selection	
Operating Temperature	-40°C ~ +60°C	