

# Avenger PLL321S-2 Single Ku LNBF

By DMS International

The best PLL LNBF on the market! Only 0.1dB noise temperature and over 55dB of gain will bring in those weak transponders. High stability and low cost gives great performance making this the best buy in LNBFs for DVB-S2, HDTV and all Ku signals.

## Features:

- HD DVB-S2 Compliant
- Ku-band coverage for digital and analog
- High stability LO
- Low noise figure
- Digital ready
- Low power consumption
- Easy Installation
- 100% Water Leak Proof



## Specifications

Specification	Low Band	High Band
Input Frequency Range	10.70~11.70 GHz	11.70~12.75 GHz
Output Frequency Range	950~1950 MHz	1100~2150 MHz
Reflector Type	Offset	
F/D Ratio	0.5 ~ 0.7	
Noise Figure	0.1 dB (Typ.)	
Conversion Gain	60 dB (Typ.)	
Gain Flatness	±0.5dB/27 MHz	
Cross POL. Isolation	20dB (Min.)	
L.O. Frequency	9.75 GHz	10.60 GHz
L.O. Frequency Stability	±300 KHz (Max.) @+25°C ±500 KHz (Max.) @-40°C~+60°C	
Operating Temperature	-40°C ~ +60°C	
L.O. Phase Noise	-55dBc/Hz@ 1 KHz -75dBc/Hz@ 10 KHz -90dBc/Hz@ 100 KHz	
Image Rejection	40 dB (Min.)	
Output VSWR	2.5:1 (Max.)	
Output Power Level	0 dBm (Min.)(at 1dB gain compression)	
Connector Type	75Ω Female Connector	
DC Current Consumption	165 mA (Max.)	
POL. Switching Voltage	11.5~14.0V @VP 16.0~19.0V @HP	
22 KHz switching	0	22 KHz ±4 KHz