

PLC-900C**C-band single polarization Phase-locked Loop LNB**

PLC-900 is C-band single polarization PLL(phase-locked loop)LNB, it adopts PLL technology, and has best L.O. frequency stability feature (L.O. temperature drifting only 100KHz); It is specially designed for receiving C-Band satellite data signal, and it is perfect to receive digital compressed satellite television signal.

**Specifications**

Frequency Range	3.4~4.2GHz
Input Impedence	75Ω, F- type
Female Output Frequency	950~1750MHz
L.O. Frequency	5150±10KHz
L.O. Frequency Stability	±100KHz
Conversion Gain	65dB (TYP)
Gain Flatness	±3dB/In all operation frequencies; ±1dB/36MHz
L.O. Phase Noise	-65dBc/Hz(@1KHz);-85dBc/Hz(@10KHz);-95dBc/Hz(@100KHz)
Output Power (at 1dB compression Point)	0.0dBm
Image Rejection	40dB (MAX)
Spurious Output	-60dBc(MAX)
Output VSWR	2.0:1 (MAX)
Output Impedence	75Ω, F-Female
Power Supply	0.5~21V DC, 200mA (MAX)
Operation Temperature	-30℃~+70℃
Dimensions	97mmX67mmX65mm
Weight	205g

Specifications are subject to change without notice

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