



Pro

Quattro Universal 40mm Flange PLL LNB

IDLP-QTLFOO-OOPRO-OPN

Item: 5940

Designed to address the demanding requirements of DTH operators worldwide, our PRO LNB Flange Series is highly competitive and provides outstanding reception performance using advanced microwave design and technology. The PRO LNB series with C120 flange supports Standard, High and Ultra High Definition transmissions, delivers excellent RF performances, very low power consumption and is designed to protect the satellite signal from 4G/LTE interferences.

This LNB enables the reception of satellite TV and Radio from a single satellite and its distribution via a Multiswitch to numerous Set-top boxes. Manufactured to the highest industry quality standards and engineered to meet strict specifications, this LNB is an ideal solution for satellite broadcast reception in Multi-dwelling (MDU) installations across the world.

Main Features:

- C120 Flange
- Low Phase Noise, DVB-S2 (HDTV) compliant
- Low Noise Figure
- Low power consumption
- High Cross Polarization Isolation
- High Frequency stability [PLL]
- High immunity against 4G interferences



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Flange

ULN
Low Noise
Technology

4G

4K
Ultra HD

Technical data

Low band input frequency range	10.7 GHz ~ 11.7 GHz
Low band output frequency range	950 MHz ~ 1950 MHz
Low band LO frequency	9.75 GHz
High band input frequency range	11.7 GHz ~ 12.75 GHz
High band output frequency range	1100 MHz ~ 2150 MHz
High band LO frequency	10.6 GHz
Noise figure	0.6 dB typ. (0.9 dB max.)
LO frequency accuracy @ 25° C	±500 kHz
LO phase noise @ 10 kHz	-80 dBc / Hz max.
Conversion gain	55 dB min.
Gain ripple (over 26 MHz bandwidth)	±0.5 dB
Gain variation (over full band)	±0.3 dB
3th order intermodulation - ICP3	10 dB min.
1 dB compression point (@ output)	0.0 dBm min.
Cross polarization isolation	23 dB min.
Output VSWR	2.0 : 1
In band spurious level	-60 dBm max.
Current consumption	240 mA max. @ 11 V ~ 20 V
Operating temperature	-30 °C ~ +60 °C
Output impedance	75 Ω
Mechanical flange interface	C120
Output connector type	F-Type (female)
Weight	126 g

