

QUATTRO LNB - Low current consumption 75mA

Technical Specification

Input Frequency	Low Band: 10.7~11.7GHz High Band: 11.7~12.75GHz
Feedhorn - Linear	Optimised for offset dish
Output Frequency Output 1, 2, 3, 4	Low Band: 950~1950MHz High Band: 1100~2150MHz
Output 1,2,3,4 VSWR (950 - 2150MHz)	Ratio 2.0:1 (typ.), 2.5:1 (max.)
Output Colour Coding	Black: VL, Green: HL, Red: VH, Yellow: HH
L.O. Frequencies	9.75GHz (LB) / 10.6GHz (HB)
L.O. Stability	±1.3MHz @ 25°C ~ ±2.5MHz @ -40~70°C
L.O. Phase Noise	-65dBc/Hz @ 1kHz (max.) (25°C) -85dBc/Hz @ 10kHz (max.) (25°C) -95dBc/Hz @ 100kHz (max.) (25°C)
Conversion Gain	52~62dB @ 25°C, 53~63dB @ -40°C~70°C
Gain Flatness Over Full Band	7dB P-P (typ.)
Gain Flatness Over 26MHz Gain Flatness Over 300MHz	± 1dB P-P (typ.) ± 4dB P-P (typ.), 5.5dB P-P (max.)
1.7GHz	-55dB (typ.) -50 dB (max.)
Noise Figure	0.9dB (typ.), 1.0dB (max.)
Cross Polar Isolation	20dB (typ.)
Image Rejection	37dB (min), 40dB (typ.)
Current Consumption	70mA (typ.), 75mA (max.) 12V
Connector Type	75Ω female F-connector
Operating Temp.	-40°C ~ +70°C
RED Compliance	EN 303 372-1

- Colour coded outlets aid installation
- Low current consumption extends life of system
- Low noise Typ 0.9dB
- High frequency stability
- Suitable for IRS installations only

