



VQ4LP QUATTRO LNB

Low power consumption, 4 outlets fixed

| 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 |

- 4 Fixed Polarity Outlets – With Colour Coded Weather Seals
- Only 75mA Current Consumption
- Low Noise, High Isolation and Stability

