

VK4L QUAD LNB

Universal Ku Band 4-Out with Bracket

Technical Specification	
Input Frequency	Low Band: 10.7~11.7GHz
	High Band: 11.7~12.75GHz
Feedhorn - Linear	Optimised for offset dish
Output Frequency	Low Band: 950~1950MHz
	High Band: 1100~2150MHz
Output VSWR (950 - 2150MHz)	Ratio 2.0:1 (typ.), 2.5:1 (max.)
L.O. Frequencies	9.75GHz (LB) / 10.6GHz (HB)
L.O. Stability	0.5-1.0MHz @ 25°C, 0.5-1.0MHz @ -40~70°C
L.O. Phase Noise (25°C)	@ 1kHz: -65dBc/Hz (typ.), -55dBc/Hz (max.) @ 10kHz: -83dBc/Hz (typ.), -75dBc/Hz (max.) @ 100kHz: -95dBc/Hz (typ.), -90dBc/Hz (max.)
Conversion Gain	55~63dB @ 25°C, 53~60dB @ -40°C~70°C
Gain Flatness Over Full Band	3dB P-P (typ.), 5dB P-P (tmax.)
Gain Flatness Over 26MHz	± 0.5dB P-P (typ.) ± 0.75dB P-P (max.)
Gain Flatness Over 300MHz	± 4dB P-P (typ.), ± 5.5dB P-P (max.)
Spurious Gain @ 1.7GHz	-50dB (typ.) -47dB (max.)
Noise Figure	1dB (typ.), 1.2dB (max.)
Cross Polar Isolation	18dB (min.) 20dB (typ.)
Image Rejection	37dB (min), 40dB (typ.)
Current Consumption	120mA (typ.), 140mA(max.) 12V
Connector Type	75Ω female F-connector
Operating Temp.	-40°C ~ +70°C
RED Compliance	EN 303 372-1

- 4 Outputs with switchable polarity
- Low noise, high stability and isolation
- Supplied with Mk. 4 dish bracket

Finished in grey



Part No.
VK4L

Supplied with a
Sky™ compatible
bracket including
built-in spirit level

