

OCTO LNB - Universal Ku Band

Fitted with Mk4 bracket with level

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	±1.3MHz @ 25°C ~ ±2.5MHz @ -40~70°C
L.O. Phase Noise (25°C)	@ 1kHz: -65dBc/Hz (typ.), -55dBc/Hz (max.)
	@ 10kHz: -85dBc/Hz (typ.), -75dBc/Hz (max.)
	@ 100kHz: -100dBc/Hz (typ.), -90dBc/Hz (max.)
Conversion Gain	54~65dB @ 25°C, 53~65dB @ -40°C~70°C
Gain Flatness Over Full Band	5dB P-P (typ.), 8dB 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	-48dB (typ.) -45dB (max.)
Noise Figure	1dB (typ.), 1.2dB (max.)
Cross Polar Isolation	18dB (min.)20dB (typ.)
Image Rejection	37dB (min), 40dB (typ.)
Current Consumption	210mA (typ.), 360mA (max.) 12V
Connector Type	75Ω female F-connector
Operating Temp.	-30°C ~ +70°C
RED Compliance	EN 303 372-1

- Eight output with switchable polarity
- Feeds 8 satellite receivers from a single dish (or 4 receivers with built-in recorders)
- 25MHz PLL crystal technology ensures rock-solid frequency stability across a wider range of operating temperatures
- Supplied with Mk. 4 dish bracket



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

