

ACCESSORIES

Hybrid LNB



HYBLNB

- Hybrid Wideband and Quad LNB
- Low noise figure
- High level weather protection
- Low power consumption
- Full coverage of KU band
- x2 wideband outputs LO 10.41GHz
- x4 legacy outputs with switchable polarity
- MK4 dish adaptor included

Technical Specifications			
Wideband Specifications			
Item	Specification	Item	Specification
Input Frequency Range	10.70 ~ 12.75 GHz	L.O. Frequency Stability	± 1.0 MHz (max)@+25°C. ± 2.0 MHz (max)@-40°C ~+60°C
Output Frequency Range	Low band: 950 ~1950MHz. High band: 1100 ~2150MHz. Vertical: 290 ~ 2340MHz (wideband). Horizontal: 290 ~2340MHz (wideband)	L.O. Phase Noise	-50dBc/Hz@1KHz. -75dBc/Hz@10KHz. -96dBc/Hz@100KHz
L.O. Frequency	9.75GHz/10.6GHz. 10.41GHz (wideband)	Noise Figure	0.6dB
		Conversion Gain	60dB (typ.)
Universal Specifications			
Item	Specification	Item	Specification
Input Frequency Range	Low Band: 10.70 ~ 11.70GHz High Band: 11.70 ~ 12.75GHz	Gain Flatness	±0.5dB/26MHz
		Cross POL. Isolation	25dB (typ.)
Output Frequency Range	Low Band: 950 ~ 1950MHz High Band: 1100 ~ 2150MHz	Image Rejection	40dB (min.)
		Output VSWR	2.0:1 (max.)
L.O. Frequency	Low Band: 9.75GHz High Band: 10.60GHz	P1dB	0dBm (min.)
		DC Current Consumption	80mA (typ)
L.O Frequency Stability	±1.0MHz (max)@+25°C ±2.0MHz (max)@-30°C~+70°C	Low/High Band Switching	Low Band: 0Hz High Band: 22KHz±4KHz
L.O. Phase Noise	-60dBc/Hz@1KHz -80dBc/Hz@10KHz -100dBc/Hz@100KHz	POL. Switching Voltage	10.5 ~ 14.0V @Vertical 16.0 ~ 20.0V @Horizontal
		Relative Humidity	0% ~ 95%
Conversion Gain	60dB (typ.)	Operating Temperature	-30°C ~ +70°C
Noise Figure	0.6dB (typ.)	Connector Type	75Ω Female Connector

DW 26/02