

VK5T QUAD + TERR LNB

Combines Terrestrial and Sat with bracket

Technical Specification		
Quad Ku Band		
Input Frequency	low band: 10.7~11.7GHz high band: 11.7~12.75GHz	
Output Frequency Output 1, 2, 3, 4	low band: 950~1950MHz high band: 1100~2150MHz	
Output 1,2,3,4 VSWR (950 - 2150 MHz)	Ratio 2.0:1 (typ.), 2.5:1 (max.)	
L.O. Frequencies	low band 9.75GHz (typ.) high band 10.6GHz (typ.)	
L.O. Stability	0.5 ~1.0MHz @ 25°C 1.0 ~2.0MHz @ -40°C ~ 70°C	
L.O. Phase Noise	-65dBc/Hz @ 1kHz (typ.) -83dBc/Hz @ 10kHz (typ.) -95dBc/Hz @ 100kHz (typ.)	
LNB Gain	25dB @ -40°C ~ 70°C	
Ku LNBF Conversion Gain	55~67dB @ -40°C~70°C	
Gain Flatness Over Full Band	4dB P-P (max.)	
Gain Flatness Over 26MHz	±0.5dB P-P (typ.)	
Gain Flatness Over 300MHz	±2dB P-P (typ.)	
Noise Figure	0.3dB (typ.), 1.0dB (max.)	
Cross Polar Isolation	18dB (min.)	
Image Rejection	40dB (min)	
Current Consumption	200mA (typ.), 240mA (max.)	
Operating Voltage & Band Switching	Vertical	11.5~14VDC
	Horizontal	16~20VDC
	Low-Band	0 KHz
	High-Band	18~26KHz
Operating Temp.	-40°C ~ +60°C	
RED Compliance	EN 303 372-1	
Terrestrial		
Frequency Range	40 ~ 790MHz	
Insertion Loss	8 ~11dB, 9dB (typ.)	

Combines Satellite and Terrestrial signals
into each download

