

Hybrid LNB - Ku Band & Wideband

Fitted with Mk4 bracket with level

Features

- Two UK wideband outputs local oscillator frequency of 10.41GHz, and four outputs with switchable polarity for versatile connectivity.
- Enables signal delivery to both Sky-Q™ receivers and legacy satellite receivers from a single dish.
- Low noise feature ensures reliable signal quality and clear reception.
- Comes with a bracket designed for easy installation on popular satellite dishes.
- Compatible with Sky™, SkyHD™, Sky+™, Freesat™, FreesatHD™, Freesat 4K™, Freesat+™, Freetime™ and other European satellite receivers



Product Information

Part Number: **VK4L**

EAN: **5050171079560**

Units per Pack: **1**

Packaging Size: **16.7 x 8 x 11.2cm**

Finished Packaging Weight: **327g**

Outer Box Qty: **40**

Outer Size: **47 x 42 x 35.8cm**

Outer Gross Weight: **14.16kg**

Outer Net Weight: **13.092kg**



Product Specifications		
Frequency Band	Ku band	Wideband
Number of Outputs	4	2
Phase-Locked Loop (PLL)	25MHz	
Low Band I/P Frequency Range	10.7GHz-11.7GHz	10.7GHz-12.75GHz
Low Band O/P Frequency Range	950MHz-1950MHz	290MHz-2340MHz
Low Band LO Frequency	9.75GHz	10.41GHz
Low Band Noise Figure	0.4dB-0.8dB	0.4dB-0.75dB
Low Band Control Signals	Ca or Cb	
High Band I/P Frequency Range	11.7GHz-12.75GHz	10.7GHz-12.75GHz
High Band O/P Frequency Range	1100MHz-2150MHz	290MHz-2340MHz
High Band LO Frequency	10.6GHz	10.41GHz
High Band Noise Figure	0.4dB-0.8dB	0.4dB-0.75dB
10 LO Initial Accuracy (Typ.)	±0.03MHz	
LO Temperature Drift (Max.)	±0.75MHz	
LO Phase Noise @ 1KHz	60dBc/Hz	
LO Phase Noise @ 10KHz	85dBc/Hz	
LO Phase Noise @ 100KHz	95dBc/Hz	
Conversion Gain	56dB-65dB	53dB-63dB
Gain Variation (Typ.)	±2dB	
Image Rejection (Typ.)	42dB	
O/P 1dB Compression Point (Typ.)	2dBm	
Crosstalk Isolation	25dB	
Control Signals Ca [V]	11.5V-14.5V	12V-22.0V
Control Signals Cb [H]	15.5V-22.0V	12V-22.0V
Control Signals Cc	22KHz ± 4KHz	-
O/P Supurious (Max.)	-50dBc	-
O/P VSWR	1.6:1~	1.8:1~
Power Input	12V-20V @ 180mA V/mA	
Working Temperature	-35°C ~ + 70°C	