



GW2LB UK Wideband LNB			
1	Input Frequency Range	V & H	10.7 - 12.75GHz
2	Input Feedhorn	Optimised for offset dish	
3	Output Frequency Range	V & H	290 - 2340MHz
4	Output VSWR	Typical 950-2150MHz	2.0:1
5	Output type/impedance	F-Connector female	75Ohm
6	Local Oscillator Frequency	For UK only	10.41GHz
7	Local Oscillator Stability	Typical @ 25°C	±1MHz
8	Phase Noise @	1kHz @ 25°C	-60dBc/Hz (Max)
		10kHz @ 25°C	-80dBc/Hz (max)
		100kHz @ 25°C	-90dBc/Hz (Max)
9	Conversion Gain	Typical @ 25°C	48 - 60dB
10	Gain Flatness	Typ. over any 26MHz Band	±0.5dB
11	Noise Figure	Typical	0.6dB
12	Cross Polar Isolation	Minimum	22dB
13	Image Rejection	Minimum	38dB
14	Current Consumption	Maximum	120mA
15	RED Standard	EN 303372-1	

Declaration of Conformity

Hereby, GeoSync declares that this LNB for satellite broadcast reception in domestic premises conforms with the Radio Equipment Directive 2014/53/EU.

The full Declaration of Conformity is available by contacting the following internet address: www.geo-sync.co.uk/210201



Contact us: info@geo-sync.co.uk

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The GW2LB is a Wideband LNB tuned for the UK. It is specifically designed to work with Sky Q™ or Freesat 4K™ receivers.

- Two outputs, one carries all of the horizontal polarised signals and the other carries the vertical. Both need to be connected to your receiver
- Fitted with a bracket for the popular Mk. 4 elliptical dishes used in the UK
- Spirit level helps ensure dish is set up correctly
- Skew angle guide helps align on Sky or Freesat in the UK
- Local Oscillator tuned to 10.41GHz to be compatible with UK receivers
- Pull-down weather shield keeps rain away from cable connections

PROFESSIONAL SIGNAL RECEPTION



Introduction

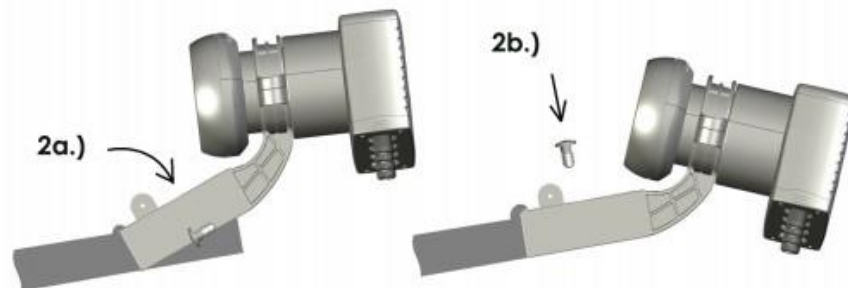
The GW2LB is a UK Wideband LNB that can be used to receive signals for either Sky Q™ or Freesat 4K™. Both of the outputs need to be connected to your receiver.

Installation – as easy as 1, 2, 3

This guidance is given for the replacement of an LNB on the Mk.4, Zone 1 or 2 elliptical dishes popular in the UK and assumes that the dish is correctly aligned. If you have a different type of dish, it should be supplied with a bracket with a 40mm dia. collar which is compatible with GeoSync LNB's.

1.) To receive Sky Q™ or Freesat 4K™ refer to the map and picture opposite and align the bracket on the LNB at the appropriate angle, then tighten it securely.

2.) Having removed the old LNB slot the bracket onto the satellite dish arm and secure it in place with the split pin.



3.) Connect the two coax cables to the outlets on your new LNB and pull down the weather shield

Dish Alignment

If you are fitting and aligning a new dish you can find further guide maps on our website www.geo-sync.co.uk

To help you align your LNB with Sky Q™ or Freesat 4K™ from the UK the GW2LB has a recess on the feedhorn at the correct range of angles. Twist the bracket to line up the > on the top with this area on the LNB.

