

**Agile High Stability Upconverter**

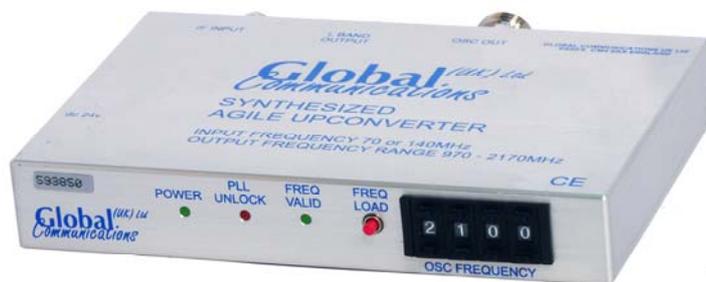
**P/N L-AGL/AFZ-DCB**

**Description**

The Global Professional Agile Upconverter is a low cost, high performance upconverter used to enable monitoring of the 70MHz output of a modulating a low cost receiver.

Also used to generate test signals for factories and test/repair facilities and can be used with analogue or digital signals.

- Upconverts modulator output to receiver IF
- Synthesized, low phase noise LO
- 70MHz or 140MHz Input, 50 or 75 ohm.
- Output tunable across L Band (900-2100MHz)



**Specifications**

Input Centre Frequency	70 –140MHz
Output Synthesized Frequency	900MHz –2100MHz
Conversion Loss	15dB ±2dB
Frequency Step	1MHz
Output Spurious	Less than - 60dBc (in signal band)
Phase Noise	-65dBc/Hz@ 100Hz -80dBc/Hz@ 1KHz -80dBc/Hz@ 10KHz -105dBc/Hz@ 100KHz
Output Freq. Stability	±2.5ppm –30 to +75°C relative to +25°C
Recommended I/P Level	-10dBm to –20dBm
Alarm Indication	Phase Lock Fail
Input Connector	BNC 75 Ω
Output Connector	F type female
Power Supply (supplied)	Universal I/P to 24V O/P
Power Consumption	24v DC @120mA
Power Supply Connector	2.1mm socket
Dimensions	146mm x 95mm x 23mm
Weight with PSU	800 grams
RoSH/WEEE Compliant	YES

**Other Connector configurations available upon request.**

Up Converter