

# Ku to Ka-Band Up Converter



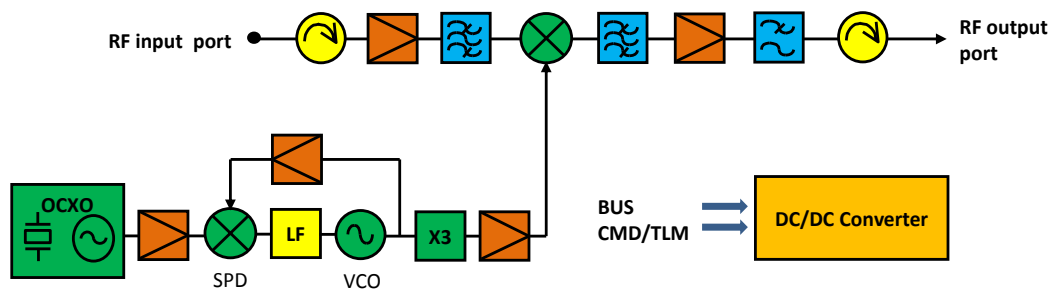
## Features

- ❖ Compact size and low mass
- ❖ Low noise figure and low phase noise
- ❖ High frequency stability using OCXO
- ❖ Wide bandwidth
- ❖ Outstanding spurious rejection
- ❖ Any frequency conversion plan available

## Heritage

- ❖ N-Star
- ❖ Turksat  
and more

## Block Diagram



## Main Performances

Input Frequency Range	10.7 - 12.75 GHz
Output Frequency Range	17.7 - 21.2 GHz
Usable Bandwidth	any 250 MHz
Frequency Stability	± 1.7 ppm
Gain	> 25 dB
Gain Flatness	< 0.3 dB p-p in any 27 MHz
Input Level	-26 dBm
Noise Figure	< 12 dB
C/3IM	> 50 dBc
Group Delay	< 1 nsec. p-p
Power Consumption	10 W nom.
Dimension (L x W x H)	160 x 90 x 140 mm
Mass	< 1.3 kg

\*Non contractual information. Subject to change without notice.

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