

# X-Band Receiver



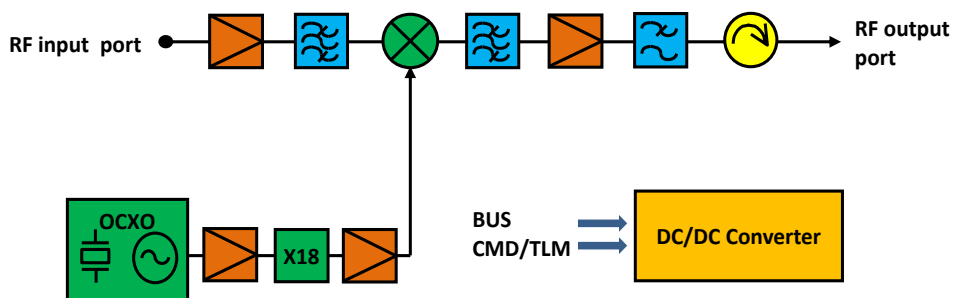
## Features

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

## Heritage

- ❖ Measat
- ❖ Astra
- and more

## Block Diagram



## Main Performances

Input Frequency Range	7.25 - 7.75 GHz
Output Frequency Range	7.9 - 8.4 GHz
Usable Bandwidth	500 MHz
Frequency Stability over temp.	± 1.7 ppm
Gain	> 55 dB
Gain Flatness	< 1.2 dB
Input Level	-48 dBm
Noise Figure	< 2 dB
C/3IM	> 42 dBc
Group Delay	< 1.2 nsec p-p
Power Consumption	9.2 W nom.
Dimension (L x W x H)	190 x 110 x 140 mm
Mass	< 1.4 kg

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

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