

X-Band Down Converter



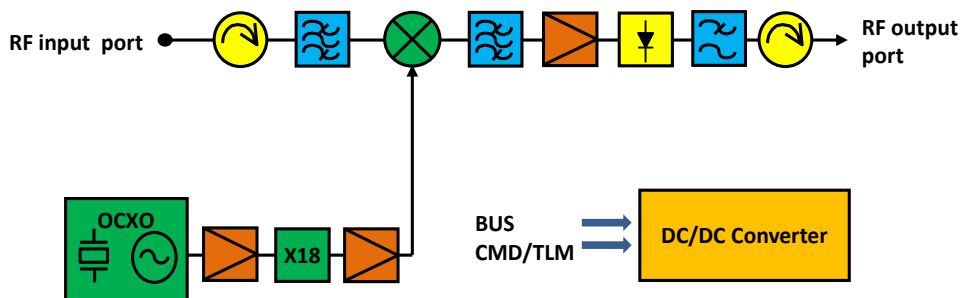
Features

- ❖ 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

- ❖ Superbird
- ❖ Turksat
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	± 1.7 ppm
Gain	> 15 dB
Gain Flatness	< 0.5 dB p-p in any 38 MHz
Input Level	-14 dBm
Noise Figure	< 22 dB
C/3IM	> 23.5 dBc
Group Delay	< 0.6 nsec p-p
Power Consumption	9.8 W nom.
Dimension (L x W x H)	160 x 100 x 140 mm
Mass	< 1.1 kg

*Non contractual information. Subject to change without notice.

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