



Ku-BAND LOW NOISE BLOCK DOWNCONVERTER

- LOW PHASE NOISE
• WIDE BAND OPERATION
• LOW INTERMODULATION DISTORSION
• LOW POWER CONSUMPTION
• HIGH RELIABILITY
• BUILT-IN HIGH STABILITY REFERENCE

This down converter is intended for use in professional applications in X and Ku band such as satellite earth stations. It has low phase noise properties, making it possible to receive very weak signals.

Electrical characteristics:

Table with 4 columns and multiple rows detailing input, output, and transfer characteristics. Input characteristics include frequency range (10.7-12.75 GHz), impedance (50 ohm), and connectors. Output characteristics include frequency (950-1700 MHz), impedance (50 ohm), and connectors. Transfer characteristics include conversion gain (33 dB), noise figure (11 dB max), and phase noise (-95 dBc @ 100 kHz).





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### Electrical characteristics:

<b>Internal reference</b>	
Frequency Accuracy	<u>better than + 0.05 ppm</u>
Frequency Stability	better than $\pm 0.005$ ppm/day, 0.01 ppm /year
<b>Control</b>	
Controlled parameters	Bands & Gain
Display	Frequency band, Gain, PLL Status
Manual control	from Front Panel, via keys
Remote control	LAN, TCP/IP
<b>Other parameters</b>	
Power Supply	100V to 240V AC, 230V AC nominal, 40VA, 50Hz
Operating Temperature	-10 to 50 °C

### Outline dimensions (mm):

1 U High 19" RACK, 484 mm x 350 mm x 44 mm

