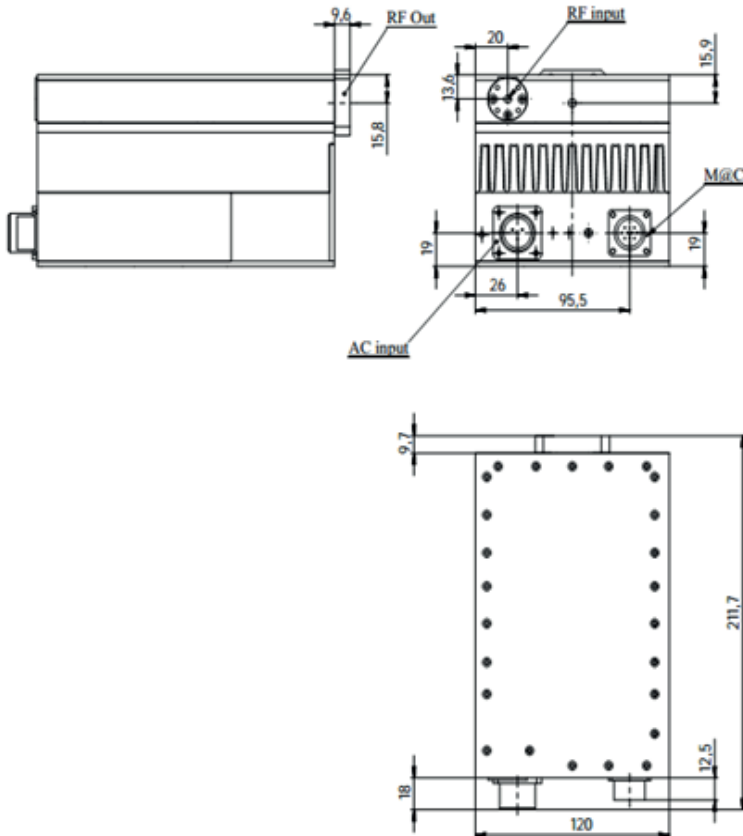


40 W BUC KU BAND

This device is suitable for various satellite applications.

The BUC performs the translation of the input signal from L Band to Ku Band and do the amplifies of the input signal up to 40 W.



ISO 9001:2015



TECHNICAL SPECIFICATION

Input Frequency	950 ÷ 1700 MHz	
Output Frequency	13.75 ÷ 14.50 GHz	
RF Outut Power @ P1 dB	46 dBm	
Gain	65 dB min.	
Gain flatness	± 2 dB	
Spurious	< -50 dB	
Input Level without damage	-50 to 0 dBm	
IF Input Interface	50 Ohm – N type	
RF Output Interface	WR75	
Carrier independent	-55 dBc max	
LO leakage	-42 dBm max	
Local Oscillator	12800 MHz or on request 13050 MHz	
Phase Noise	@100Hz	- 68 dBc/Hz
	@1KHz	- 78 dBc/Hz
	@10KHz	- 88 dBc/Hz
	@100KHz	- 110 dBc/Hz
External reference	10 MHz sine-wave	
Reference Input Level	-5 to +5 dBm @ 50 Ohm	
Shut off BUC in case of LO unlocked	Internal	
AC Power Supply	AC 110/220V nom (90-120 / 180-240V), 50/60 Hz	
Power Consumption	250W	
Operating Temperature	-35° C to +50°C	
Relative Humidity	Up to 98% (water proof design)	
Dimensions	215 x 120 x 110 mm	
Weight	About 6 Kg	
Protection	IP66	