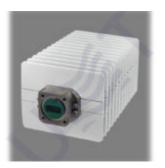


BUC-KU02-11.8 V2.0



BUC-Ku02-11.8 is block up-converter with fixed output power P1dB **2 W** (ALC power: 200 mW) and LO of **11.8 GHz**.

Our BUC operates with up to 25 carriers and has built-in reference of 10 MHz;

and **ALC** with 25 dB range;

IP Ctrl (by order)

+ **LED status** indication at the rear side.

Input parameters:		
Input frequency range	950 – 1950 MHz	
Input impedance	50 Ohm	
Input level, max	-12 dBm	
Input VSWR, max	1.5	
Input interface	N-type Female	
ALC range, min	25 dB	
ALC threshold level	-30 dBm	
Local oscilator:		

LO frequency 1180		
	00 MHz	
LO phase noise:		
@1 kHz -80	dBc/Hz	
@10 kHz -85	dBc/Hz	
@100 kHz -100	0 dBc/Hz	
LO instability ± 2	2 ppm	
Output parameters:		
Output frequency range 127	750 – 13750 MHz	
Output power @P1dB 2 W	V	
ALC output power 200	0 mW	
Gain, min 53 d	dB	
IMD3 level at ALC output power, max -37	dBc	
Output interface Wa	aveguide WR75, Flange PBR120	
Output VSWR, max 2		
Frequency response:		
Flatness over Full Band ± 1.	.5 dB	
Spurious:		
In-band @P1dB, max -55	dBc	
Out-Band, max -30	dBm	
LO leakage at ALC output power, max -40	dBm	
Image rejection, min 60	dB	

Power supply:	
Input voltage	18 – 30 VDC, nominal 24 VDC
Power consumption, max	15 W
Environmental:	
Operating temperature	-40 to +50 (-40 to +122)
Storage temperature	-60 to +80 (-76 to +176)
Operating humidity	100%, non-condensing
Mechanical:	
Dimensions (W x H x D)	104x89x157 mm
Weight	1.15kg

Taking into consideration that we (UMT LLC) are developer and system integrator, also do not stop on our technical growth and improvement, know that view of all our devices and equipment including their technical parameters may be different from pictures presented on website and parameters

listed on each device webpage.

Note! All details customer has to confirm in advance during ordering and before payment. Those parameters that were not specified and / or were not agreed while ordering will be implemented as basic at the discretion of the manufacturer. Each our customer has 1.5 year warranty and 7 year aftersales support for whole range of our products.