

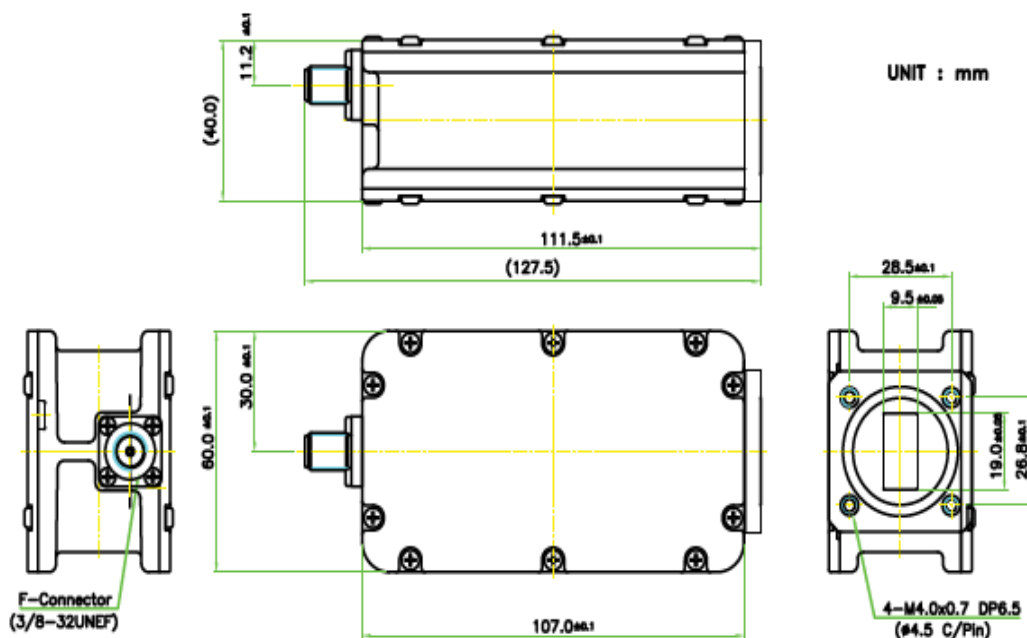
RADITEK

SATCOM

Ku Band LNB / PLL

Low Noise Block-Converter

Ku to L Band, N or F Connectors,
Phase Locked



Specifications		Units
Input Frequency:	10.95 to 12.75	GHz
L.O. Frequency:	10.00	GHz
Output Frequency:	950 to 2750	MHz
Typical Service	1000HE	
Noise Figure	0.8	dB
L.O. Stability	±25	kHz
(over temperature excl offset)	±10	kHz
Phase noise	-70 dBc/Hz at 1kHz -80 dBc/Hz at 10kHz -90 dBc/Hz at 100kHz	
Input VSWR	2.5:1	
Output VSWR	2.2:1	
Conversion Gain	55	dB
Output P1dB	5	dB
Power Requirements (Supplied through center conductor of IF cable)	12 to 24	V
Current drain	300	mA
Input Waveguide	WR75	
Connectors	F type - 75 Ohm N type - 50 Ohm	
Dimensions	130(L) x 60 (W) x 42 (H) mm 5.1 x 2.4 x 1.7 in	
Weight	300g/ 10.6 oz	