

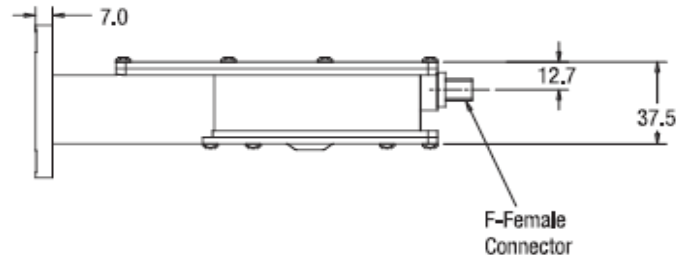
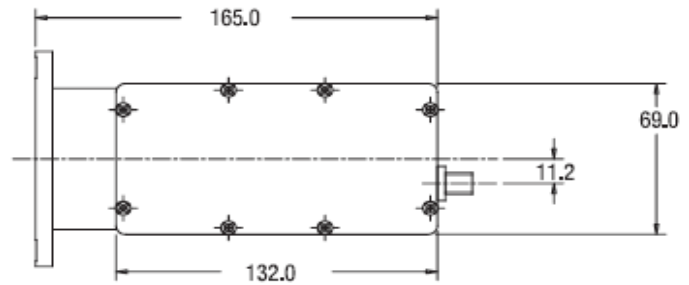
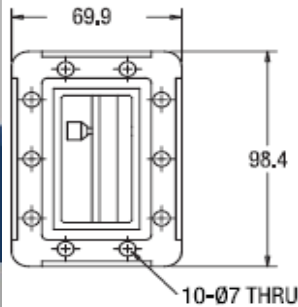
RADITEK

SATCOM

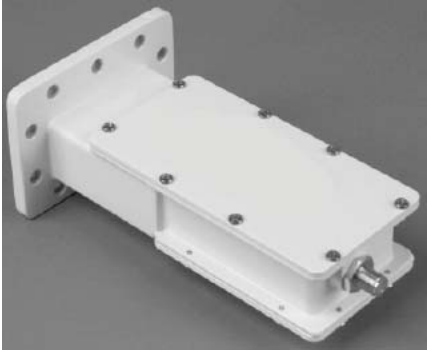
C Band LNB / PLL

Low Noise Block-Converter

C to L Band, N or F Connectors,
Phase Locked, Ext. Ref.



Units: mm
Not to scale



Specifications	Units	
Input Frequency:	3.4-4.2	GHz
L.O. Frequency:	5.15	GHz
Output Frequency:	950 to 1750	MHz
Noise Temperature	20K to 30K	
External Reference Frequency	10 MHz (sine-wave)	
	-10 to 0 dBm@ Input	
L.O. stability (over temperature excl offset)	Phase locked to External Reference	
Phase noise	-73 dBc/Hz at 1kHz	
	-83 dBc/Hz at 10kHz	
	-93 dBc/Hz at 100kHz	
Input VSWR	2.3:1	
Output VSWR	2.0:1	
Conversion Gain	62	dB
Output P1dB	5	dBm
Power Requirements (Supplied through center conductor of IF cable)	+15 to +24	V
Current drain	200	mA
Connectors	Type N – 50 Ohm	
	Type F – 75 Ohm	
Dimensions	180(L) x 100 (W) x 70 (H) mm	
	7.1 x 4.0 x 2.8 in	
Weight	425g/ 15 oz	