



Block Up Converter L to Ku-Band N-Type or F Female Connector, 10MHz Ext Reference, 8 Watts



Special Features-

- 39dBm output power
- 18~60VDC
- Optional MS Connector
- Low DC Power Consumption
(75W Max.)
- Two years Warranty



RF Band (GHz)	IF Band (MHz)	Output Power (dBm)
14.00 - 14.50	950 -1450	+39
13.75 - 14.25	950 -1450	+39
13.75 - 14.50	950 -1700	+39

Order Examples: RBUC-L(950-1450M) to Ku(14.00-14.50)-Nf-ER10M-8W-w13

Description: (Block Up Converter, L Band(950-1450MHz) to Ku(14.00-14.50GHz), N-Type Female Connector, 10MHz
External Reference, 8 Watts

Additional Options: L(950-1450M) Ku(13.75-14.25) N-Type or F Female
L(950-1700M) Ku(13.75-14.50) N-Type or F Female

Specifications		Units
Input Characteristics		
Frequency Range	950-1450 950-1450 950-1700	MHz
Impedence	75 , 50	Ohm
VSWR	2:1	
Interface	N-Type (std.) or F-Type (via adapter)	
Output Characteristics		
Frequency Range	14.00 ~ 14.50 (LO Freq - 13.05) 13.75 ~ 14.25 (LO Freq = 12.80) 13.75 ~ 14.50 (LO Freq = 12.80)	GHz
1dBCompressionPoint. Min	39	dBm
VSWR	2:1	
Interface	WR75G	
Transfer Characteristics		
Frequency Sense	Non-inverted	
Linear Gain Typical	65	dB
Gain Variation Over 54MHz	1.5	
Over the whole Bandwidth	4	dB
Over Operation Temperature	4	
Spurious In band	-60	
Out of band	-50	dBc

RBUC-LBand to Ku-N-F-ER10M-8W-w13

Specifications may be subject to change

11/18/12

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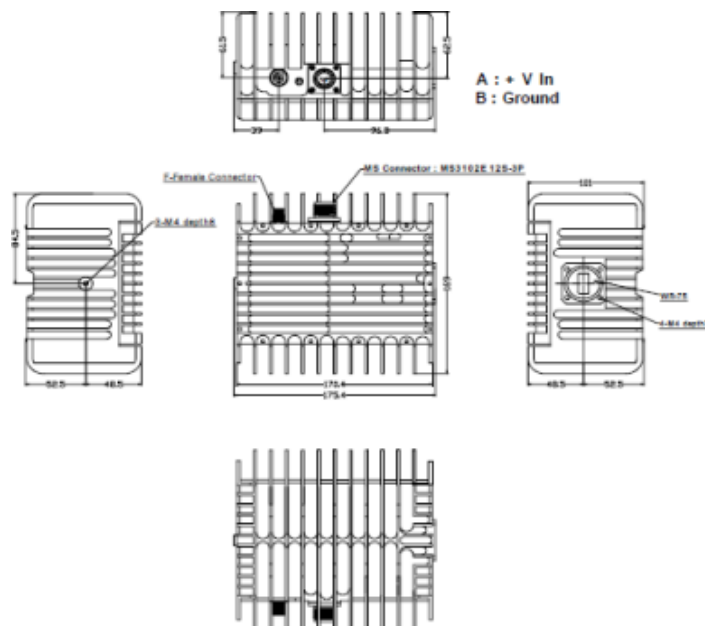
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Specifications Specification		Units
Phase Noise	100Hz	-60
	1KHz	-70
	10KHz	-80
	100KHz	-90
Miscellaneous		
<i>External Reference</i>		
Input Frequency	10	MHz
Input Power @Input Port	-5 to +5	dBm
Phase Noise	-125	dBc/Hz @ 100Hz offset
	-135	dBc/Hz @ 1kHz offset
	-140	dBc/Hz @ 10kHz offset
Operating Voltage DC	18 ~ 60 (Opt. MS Connector)	VDC
DC Power Consumption (Max.)	76	WDC
Operating Temperature	-40 to +55	°C
Humidity	Up to 100	%
Internal Function	Lock Detector shuts off Tx in case of LO unlocked	
Dimensions / Weight	175.4 X 169 X 101 / (6.9x6.7x4)	mm/ (in)
Weight	2.7/(1.22)	Kg/ (lb)



Mechanical Drawing