



Block Up Converter L to C Band

N-Type or F Female Connectors, 20, 30, or 40Watts

36-60VDC/85-265VAC Power, Outdoor Unit



DC Version



AC Version

Special Features

- Optional Internal Reference source and M&C
- 36~60VDC or 85~265VAC Power
- Two years Warranty

Frequency Bands			
Model	IF Band (MHz)	RF Band (GHz)	LO (GHz)
Standard	950 -1525	5.85-6.425	4.9
Palapa	1150-1450	6.425-6.725	5.275
Insat	975-1275	6.725-7.025	5.75

Power Specs			
Watts	Output Power (dBm)	DC (W)	AC (W)
20	+43	180	200
30	+44.8	220	240
40	+46	290	310

Order Examples: RBUC-L(950-1525M) to C(5.85-6.425)- Nf-20W-DC-w13

Description: (Block Up Converter, L Band(950-1525MHz) to C(5.85-6.425GHz), N-Type Female Connector, 20 Watts, DC)

Additional Options: L(1150-1450M) C(6.425-6.725) N-Type or F Female 20W, 30W or 40W
L(975-1275M) C(6.725-7.025) N-Type or F Female 20W, 30W or 40W

Specifications		Units
Input Characteristics		
Impedance	F Connector 75 , N-Connector 50	Ohm
VSWR	2:1	
Interface	N-Type or F-Type	
Output Characteristics		
1dB Compression Point. Min	see Power Spec table above	dBm
Return loss	2:1	
Interface	CPR137G	
Transfer Characteristics		
Frequency Sense	Non-inverted	
Linear Gain (Typical)	70	dB

RBUC-LBand to C-NF-20-40W-w13

Specifications may be subject to change

11/18/12

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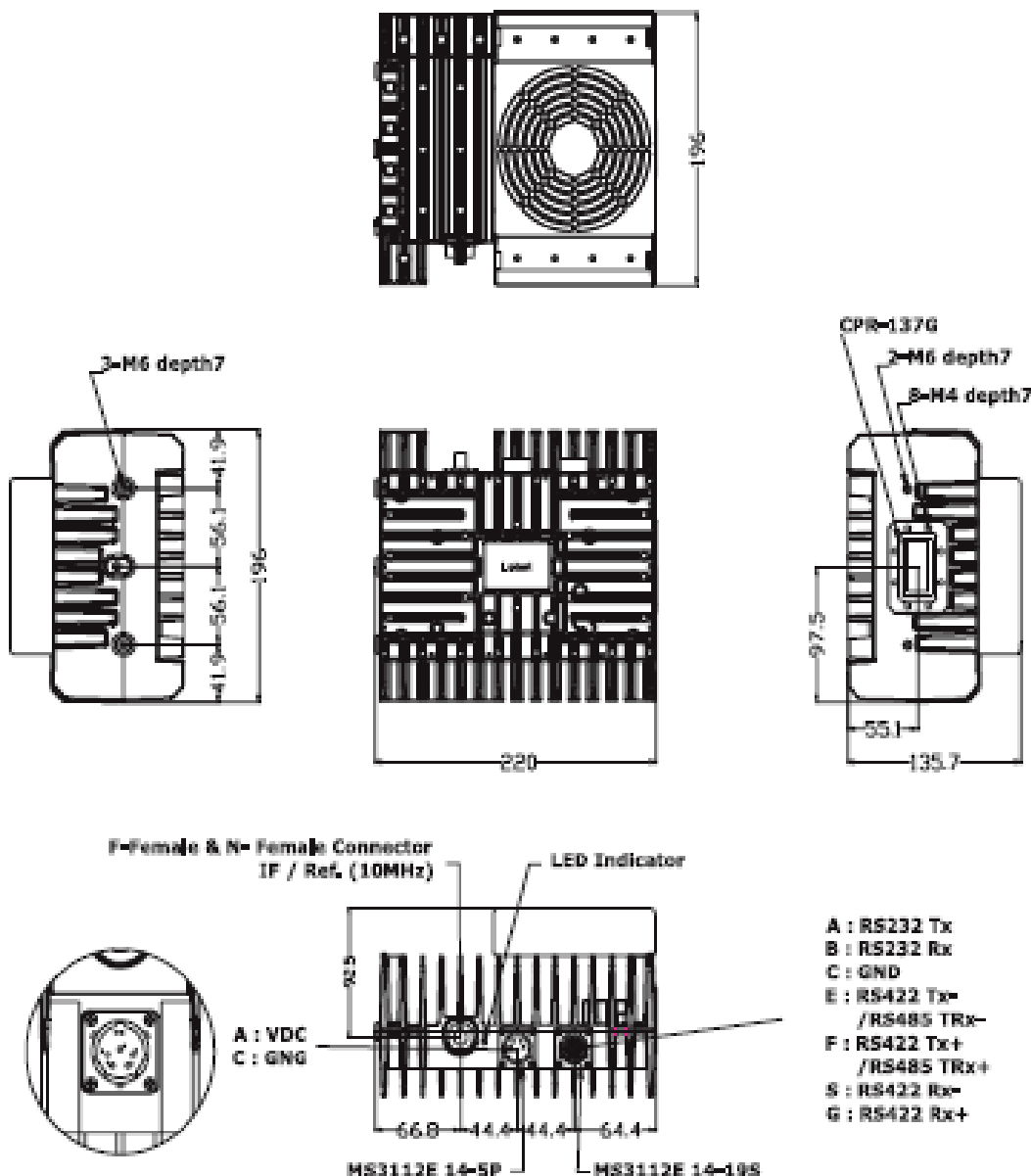
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Specifications			Units
Spurious	Over 54MHz	1.5	dB
	Over the whole Bandwidth	4	
	Over Operation Temperature	4	
Gain Variation	In band	-60	dBc
	Out of band	-50	
Phase Noise	100Hz	-60	dBc/Hz
	1KHz	-70	
	10KHz	-80	
	100KHz	-90	
Miscellaneous			
Operating Voltage		36-60VDC 85-266 VAC	
Monitor & Control (M&C)		Optional	
External 10 MHz Reference Level		-5 to +5	dBm
Operating Temperature		-40 ~ +55	°C
Storage Temperature		-40 ~ +75	°C
Humidity (Condensing)		Up to 100	%
Lock Detector		Shuts off Tx in case of LO unlocked	
Dimensions (DC Model)		220 x 195 x 136	mm
Dimensions (AC Model)		220x 195 x 181	mm
Weight DC/DC		5	Kg
Weight AC/DC		6	Kg
Weight - Mounting Jig		1	Kg

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Mechanical Drawing
(DC)



A : RS232 Tx
B : RS232 Rx
C : GND
E : RS422 Tx-
/RS485 TRx-
F : RS422 Tx+
/RS485 TRx+
S : RS422 Rx-
G : RS422 Rx+

Unit : mm

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Mechanical Drawing

(AC)

