



Block Up Converter L Band to Ku, N-Type Female Connector, 80 Watts L Band(950-1450MHz) to Ku(14.00-14.50GHz)



Order Examples: RBUC-L(950-1450M) to Ku(14.00-14.50)-Nf-80W-v7

Description: (Block Up Converter, L Band(950-1450MHz) to Ku(14.00-14.50GHz), N-Type Female Connector, 80 Watts

***High Efficiency Output Power (80W typical @P1dB over temperature)**

***220VAC**

RF Frequency	Local Frequency	IF Frequency	Output Power	Connector
14.0 to 14.5 GHz	13.05 GHz	950 to 1,450 MHz	80W Linear	N-type

Specifications	
Output Interface Waveguide,	WR-75
Output Power @ 1dB G.C.P.	49 dBm typical, over temperature
Linear Gain	80 dB nom.
Required External Reference Signal	
Frequency	10MHz (sine wave)
Input Power :	-5 to +5 dBm @ input port
Phase Noise :	-125 dBc/Hz max. @ 100 Hz
	-135 dBc/Hzmax. @ 1 kHz
	-140 dBc/Hzmax. @ 10 kHz
L.O. Phase Noise (SSB)	-60 dBc/Hz max. @ 100 Hz
	-70 dBc/Hzmax. @ 1 kHz
	-80 dBc/Hzmax. @ 10 kHz
	-90 dBc/Hz max. @ 100 kHz
Input /Output V.S.W.R.	1.3:1max
	2.0:1max
DC Power Requirement	220VAC
	1.2kW max.
Mute	Shut off theHPA in case of L.O. unlocked
Input Interface	N-type, female (50 ohm)
Operating Temperature	-40 to +60° C
Storage Temperature	-40 to +75° C
Size	427(L) x 425(W) x 232(H) mm
	16.8(L) x 16.7(W) x 9.1(H) inch
Weight	27 kg (60 lbs)

RBUC-L(950-1450M) to Ku(14.00-14.50)-Nf-80W-v7

Specifications may be subject to change

11/18/12

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