



Block Up Converter L Band to Ku, F-Type Female Connector, 4 Watts L Band(950-1450MHz) to Ku(14.00-14.50GHz)



Order Examples: RBUC-L(950-1450M) to Ku(14.00-14.50)-Ff-4W-v7

Description: (Block Up Converter, L Band(950-1450MHz) to Ku(14.00-14.50GHz), F-Type Female Connector, 4 Watts

Specifications	
Output Frequency	14.0 to 14.5 GHz
1 dB Gain Compression Point (P1dB)	36 dBm min.
Gain at Compression Point	56 dB min.
TX Intermediate Frequency	950 - 1450 MHz
Gain Flatness (500MHz)	5 dB p-p max
Gain Flatness (any 54 MHz)	2 dB p-p max
Gain Variation over Temperature	5 dB max at fixed frequency; 2 dB typical
Group Delay over any 54 MHz	2.5 nS p-p max
RF VSWR	2.0:1 max.
IF VSWR	2.0:1 max.
LO Frequency	13.05 GHz
Phase Noise (SSB)	100 Hz < -60 dBc/Hz
	1 KHz < -70 dBc/Hz
	10 KHz < -80 dBc/Hz
	100 KHz < -90dBc/Hz
RF Interface	WR-75
IF Interface Connector	Type F (female)
IF Interface Impedance	75 Ohms
Ref Signal Phase Noise	100 Hz < -135 dBc/Hz
	1 KHz < -140 dBc/Hz
	10 KHz < -143 dBc/Hz
DC Power	+15 to 24VDC nominal, 45 W max
Operating Temperature	-40° to +55° C
Storage Temperature	-55° to +85° C
Size:	189 mm L x 184 mm W x 74 mm H
Weight:	2.3 Kg

RBUC-L(950-1450M) to Ku(14.00-14.50)-Ff-4W-v7

Specifications may be subject to change

11/18/12

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