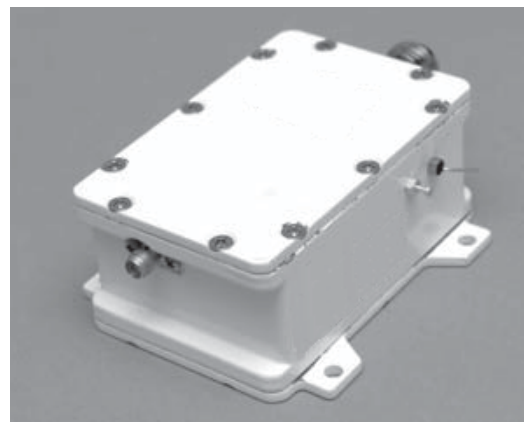




Block Downconverter Ku Band



Order Examples:

Block Down Converter

Ku-Band Option

(see table below) (GHz)

10.70 to 11.70, 11.70 to 12.20

12.25 to 12.75, 10.95 to 11.70, 11.70 to 12.75

RBDC-Ku Band-11.7-12.2-Nf-D-n5

D DC power through feed through and o/p Connector

C DC power through o/p Connector

P_DC power through feed through

O/P Connectors: (Nf) N-Female, (F) F connector, (Sf) SMA Female

Frequency Bands Available

Input Frequency (GHz)	11.70 to 12.20	12.25 to 12.75	10.95 to 11.70	11.70 to 12.75	10.70 to 11.70
L.O. Frequency (GHz)	10.75	11.30	10.00	10.75	9.75
Output Frequency	950 to 1450	950 to 1450	950 to 1700	950 to 2000	950 to 1950

Specifications		Units
Noise Figure	15	dB
L.O Stability (over temperature excl offset)	±30	kHz
Input VSWR	1.9	:1
Output VSWR	2.0	:1
Phase Noise (SSB)		
@1kHz	-70	dBc/Hz
@10kHz	-85	dBc/Hz
@100kHz	-100	dBc/Hz
Conversion Gain	20	dB
Gain Stability Over Temperature (at any constant frequency)	±2.5	dB
Output P1 dB	6	dBm
Power Requirements	+15 to + 24	V
Current Drain	260 mA	
Input Connector	SMA	
Output Connector Options	N, F or SMA	
Dimensions	107 (L) x 78 (W) x 44 (H) 4.2 (L) x 3.1 (W) x 7.1 (H) in	mm in.
Weight	300 10.6	g oz
Temperature Range	-40 to +60	°C

RBDC-Ku Band-Generic-n5

Specifications may be subject to change

04/09/12

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Block Downconverter Ku Band

