



Block Downconverter C Band



Order Examples:

Block Down Converter

C-Band Option 3.4-4.2 GHz

RBDC-C Band-3.4-4.2-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 Femal

Frequency Bands Available	
Input Frequency (GHz)	3.40 to 4.20
L.O. Frequency (GHz)	5.15
Output Frequency (MHz)	950 to 1750

Specifications		Units
Noise Figure	10	dB
L.O. Stability (over temperature excl offset)	±25	kHz
Input VSWR	2.0	:2
Output VSWR	2.0	:1
Phase Noise (SSB)		
@1kHz	-73	dBc/Hz
@10kHz	-90	dBc/Hz
@100kHz	-100	dBc/Hz
Conversion Gain	40	dB
Gain Stability Over Temperature (at any constant frequency)	± 2.5	dB
Output P1dB	6	dBm
Power Requirements	+15 to +24	V
Current Drain	200	mA
Dimensions	180 (L) x 100 (W) x 70 (H) 7.1(L) x 3.9(W) x 2.8(H)	mm In.
Weight	700 24.7	g oz
Temperature Range	-40 to +60	°C

RBDC-C Band-3.4-4.2-Nf-D-n5

Specifications may be subject to change

04/09/12

WORLD HQ: 1702L Meridian Ave. Suite 127, San Jose, Ca 95125, U.S.A.

Tel: (408) 266-7404

FAX: (408) 266-4483

WEB: www.raditek.com

E-mail: sales@raditek.com

