



BDC C-BAND 3000 SERIES



TYPICAL SPECIFICATIONS

Noise figure	10 dB	Conversion gain	40 dB
L.O. stability (over temperature excl offset)	±25 kHz	Gain stability over temperature	±2.5 dB at any constant frequency
Phase noise (SSB)	-73 dBc/Hz at 1 kHz -90 dBc/Hz at 10 kHz -100 dBc/Hz at 100 kHz	Output P1dB	6 dBm
Input VSWR	2.0 : 1	Power requirements	+15 to +24 V
Output VSWR	2.0 : 1	Current drain	200 mA
		Dimensions	129 (L) x 94 (W) x 46 (H) mm
		Weight	700 g / 24.7 oz
		Temperature Range	-40°C to +60°C

FREQUENCY BANDS AVAILABLE

Input frequency (GHz)	3.40 to 4.20
L.O. frequency (GHz)	5.15
Output frequency (MHz)	950 to 1750

HOW TO ORDER

BDC-3000ND

D - DC Power through Feed-Through and Output Connector
C - DC Power through Output Connector
P - DC Power through Feed-Through

OUTPUT CONNECTOR F - F Connector
 N - N Connector
 S - SMA Connector

BLOCK DOWN CONVERTER (Input Connector SMA)

MECHANICAL DIAGRAM

