



Norsat
International Inc.

Innovative Communication Solutions



BDC C-BAND 3000 SERIES



TYPICAL SPECIFICATIONS

Noise figure	10 dB
L.O. stability (over temperature excl offset)	±25 kHz
Phase noise (SSB)	-73 dBc/Hz at 1 kHz -90 dBc/Hz at 10 kHz -100 dBc/Hz at 100 kHz
Input VSWR	2.0 : 1
Output VSWR	2.0 : 1

Conversion gain	40 dB
Gain stability over temperature	±2.5 dB at any constant frequency
Output P1dB	6 dBm
Power requirements	+15 to +24 V
Current drain	200 mA
Dimensions	180 (L) x 100 (W) x 70 (H) mm (7.1 x 3.9 x 2.8 in)
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

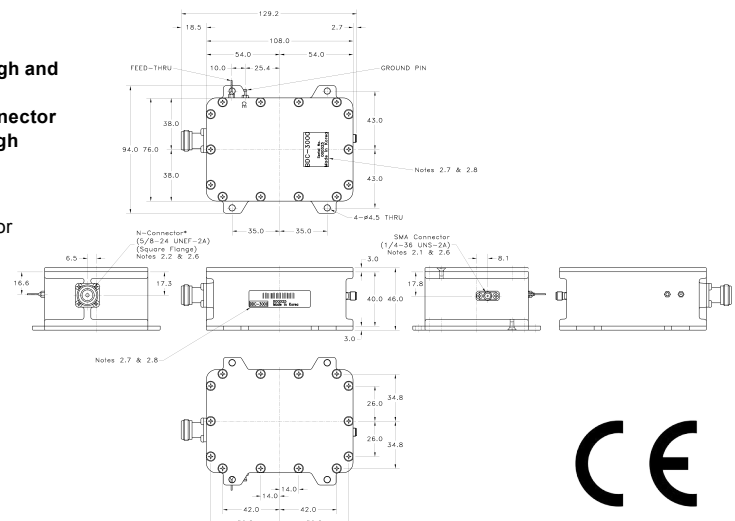
BDC-3000ND

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



Norsat
International Inc.

North America
+1 800 644 4562

Asia Pacific
+1 604 821 2813

Europe, Middle East & Africa
+44 1522 730 800

South America
+1 604 821 2835

Online
sales@norsat.com
www.norsat.com