



Norsat
International Inc.

Innovative Communication Solutions



BDC

C-BAND EXT REF

3000X SERIES



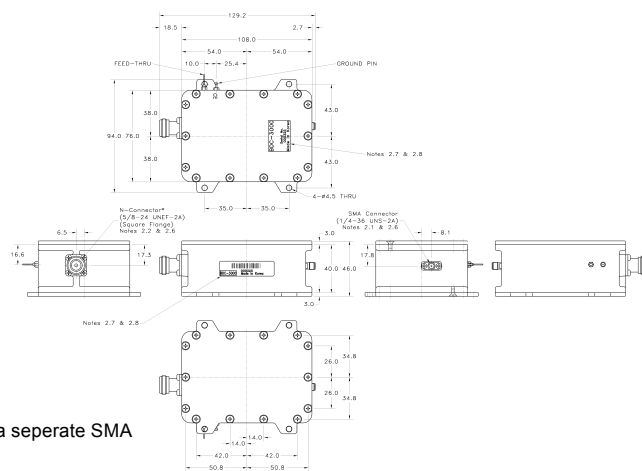
TYPICAL SPECIFICATIONS

Noise figure	10 dB	Conversion gain	40 dB
L.O. stability	Phase locked to External Reference	Gain stability over temperature	±2.5 dB at any constant frequency
Phase noise (SSB)	-73 dBc/Hz at 1kHz -90 dBc/Hz at 10kHz -100 dBc/Hz at 100kHz	Output P1dB	6 dBm
Input VSWR	2.0 : 1	Power requirements	+15 to +24 V
Output VSWR	2.0 : 1	Current drain	200 mA
Input Connector	SMA (f)	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

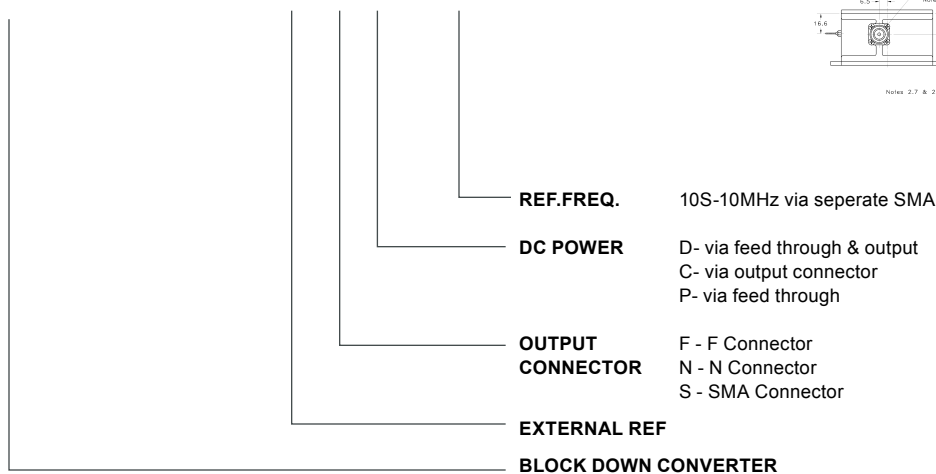
Input frequency (GHz)	3.40 to 4.20
L.O. frequency (GHz)	5.15
Output frequency (MHz)	950 to 1750

MECHANICAL DIAGRAM



HOW TO ORDER

BDC-3000XSC-10S



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