

# **BDC** C-BAND EXT REF 3000X SERIES

### **Intelligent Satellite Solutions**





## **TYPICAL SPECIFICATIONS**

Noise figure L.O. stability	10 dB Phase locked to External Reference
Phase noise (SSB)	-73 dBc/Hz at 1kHz -90 dBc/Hz at 10kHz -100 dBc/Hz at 100kHz
Input VSWR	2.0 : 1
Output VSWR	2.0 : 1

## FREQUENCY BANDS AVAILABLE

Input frequency (GHz)	
L.O. frequency (GHz)	
Output frequency (MHz)	

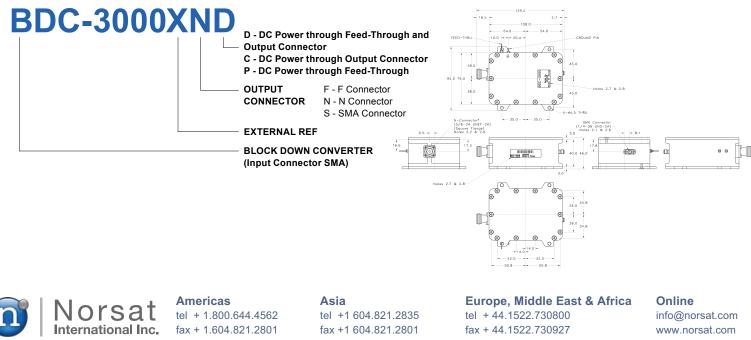
**HOW TO ORDER** 

3.40 to 4.20 5.15

950 to 1750

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

## **MECHANICAL DIAGRAM**



PUB000094 v.1.1