

## **Innovative Communication Solutions**

# BDC C-BAND EXT REF 3000X SERIES

#### TYPICAL SPECIFICATIONS

Noise figure 10 dB

L.O. stability Phase locked to External Reference

 Phase noise
 -73 dBc/Hz at 1kHz

 (SSB)
 -90 dBc/Hz at 10kHz

 -100 dBc/Hz at 100kHz

 Input VSWR
 2.0:1

 Output VSWR
 2.0:1

Input Connector SMA (f)



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** 129 (L) x 94 (W) x 46 (H) mm

Weight 700 g / 24.7 ozTemperature Range  $-40 ^{\circ}\text{C}$  to  $+60 ^{\circ}\text{C}$ 

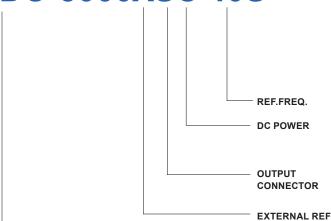
## FREQUENCY BANDS AVAILABLE

 Input frequency (GHz)
 3.40 to 4.20

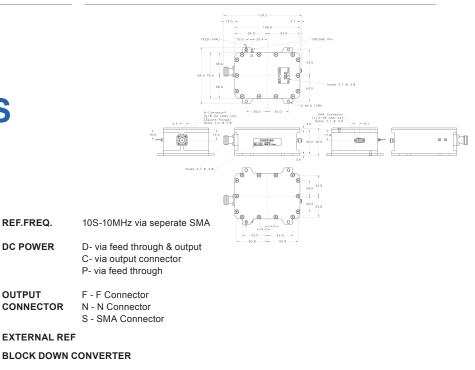
 L.O. frequency (GHz)
 5.15

 Output frequency (MHz)
 950 to 1750

# HOW TO ORDER BDC-3000XSC-10S



#### **MECHANICAL DIAGRAM**





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