

## **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 -90 dBc/Hz at 10kHz (SSB) -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 180 (L) x 100 (W) x 70 (H) mm

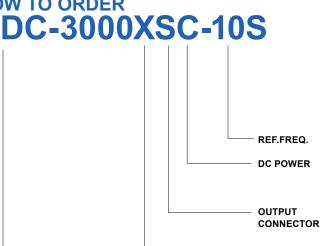
(7.1 x 3.9 x 2.8 in)

Weight 700 q / 24.7 oz -40°C to +60°C **Temperature Range** 

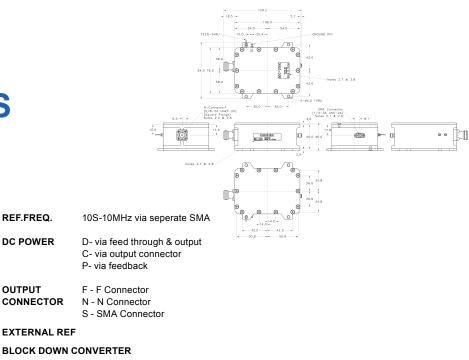
### FREQUENCY BANDS AVAILABLE

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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