

# **Innovative Communication Solutions**

# LNB C-BAND EXT REF 3000X

#### **SPECIFICATIONS**

Noise Temperature 20K to 30K at room temp. @ CF Depending on model number

L.O. Stability Phase Locked to External Reference

Phase Noise (SSB) max. Depends on External Reference

 Input VSWR
 2.3 : 1 max.

 Output VSWR
 2.3 : 1 max.

**Gain** 65 dB typ., 60 dB min., 70 dB max.

Gain Flatness  $\leq 4dB p-p$  (over full band)

Output P1dB + 3 dBm min.



**DC Power** + 12V to + 24V DC

Current 250 mA max.

Input (waterproof) CPR-229G waveguide grooved

Output (waterproof) F-Connector (75 Ohm)
N-Connector (50 Ohm)

Dimensions (L x W x H) 180 mm x 100 mm x 70 mm (7.1 in x 4.0 in x 2.8 in)

575g (20.28 oz)

Weight575g (20.28 oz)Operating Temperature $-40 \text{ to} + 60^{\circ}\text{C}$ Storage Temperature $-40 \text{ to} + 80^{\circ}\text{C}$ 

External Ref. Freq. 10 MHz (sine-wave), -5 to +5 dBm

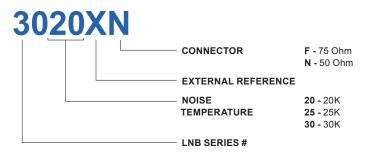
#### FREQUENCY BANDS

 Frequency Band (GHz)
 3.40 to 4.20

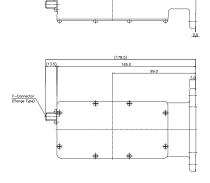
 L.O. Frequency (GHz)
 5.15

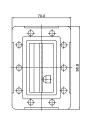
 IF Frequency (MHz)
 950 to 1750

## **HOW TO ORDER**



## **MECHANICAL DIAGRAM**







**C E** sales@norsat.com