



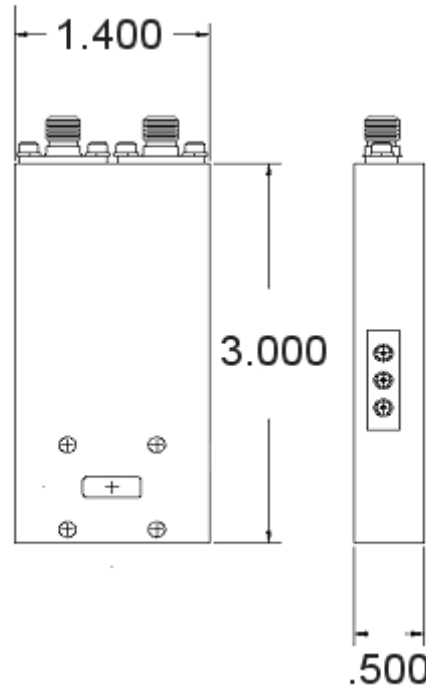
8B Industrial Way  
 Salem, NH 03079  
 Tel: (603)898-6800  
[www.lnxcorp.com](http://www.lnxcorp.com)  
 Sales@lnxcorp.com

## 23 & 26 GHz Receiver for Communication Applications

P/N: 23RXxxxx  
 26RXxxxx

### Electrical Specifications

R.F. FREQ. (GHz) (In Bands)	21.2 – 23.6 (24.2 – 26.5)
L.O. FREQ. (GHz) (In Bands)	11.5 – 12.6
IF FREQ. (GHz)	1.5 – 2.5
NOISE FIGURE	6 dB Max
CONVERSION GAIN	23 dB
FLATNESS	+/- 1.5 dB
Conversion gain variation over temp.	+/- 3 dB
RF INPUT COMPRESSION	-20 dBm
L.O. INPUT POWER	10 dBm
LO LEAKAGE @ IF PORT	-30 dBm
RF RETURN LOSS	-10 dB
LO RETURN LOSS	-10 dB
IF RETURN LOSS	-12 dB
POSITIVE SUPPLY (+6V)	350 mA
NEGATIVE SUPPLY (-5V)	30 mA
RF OUTPUT CONN.	WR-42
LO INPUT CONN.	SMA
IF INPUT CONN.	SMA
TEMP RANGE	-30° C TO +75° C



Dimensions in Inches

### Description

The LNX line of receivers offers small size, high performance, repeatability and reliability. Receivers can be configured for fixed gain or with external gain adjustment. The LO source can be either customer supplied or internally generated. Various packages are available as well as custom designs.

