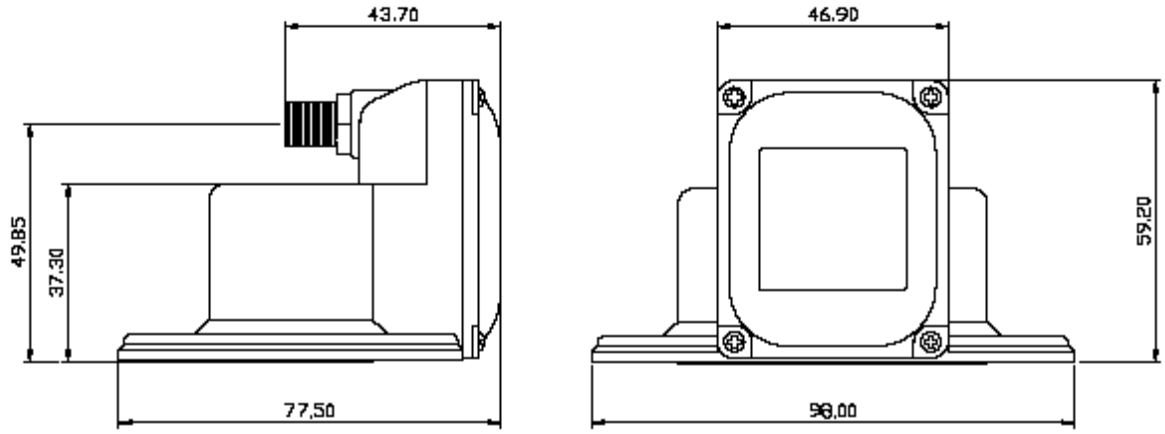
Specifications

C- BAND LNB : ZC-D11B

1. Input Frequency Range	3.4 ~ 4.2 GHz
2. Output Frequency Range	950 ~ 1750 MHz
3. Conversion Gain	60 dB (Min.) 72 dB (Max.)
4. Gain Variation	6 dB (p-p)
5. Flatness	±1dB /36MHz
6. Noise Temperature	30 °K (Max.)
7. Image Rejection	45 dB
8. Output Power (at 1dB Gain Compression Point)	3 dBm
9. Local Oscillator Frequency	5.15 GHz
10. L.O. Frequency Stability (25 ℃)	±0.5 MHz
(-30 ℃ ~ 60 ℃)	±1.5 MHz
11. L.O. Phase Noise (1 KHz Offset)	- 70 dBc/Hz
(10 KHz Offset)	- 90 dBc/Hz
(100 KHz Offset)	- 105 dBc/Hz
12. Output Return Loss	7.5 dB (Min.)
13. Output Spurious	- 60 dBm (Max.)
14. Input Waveguide Flange	CPR-229G
15. Output Connector	75 Ω F Type (Female)
16. D.C. Supply Voltage	12 ~ 20 V
17. D.C. Current Consumption	150 mA (Max.)
18. Operating Temperature	- 30 ℃ ~ 60 ℃
19. Weigth	190 g

Mechanical Drawing



Unit: mm