



Antenna

C-BAND GDLNB-5150RF

WHAT THIS PRODUCT DOES

GDI Technology **C-Band GDLNB-5150RF** provides optimized reception capabilities. It enables the reception of signal from one satellite and its distribution to a single tuner Set-top box. It is ready for High Definition transmissions and provides excellent Noise Figure performance. Manufactured to the highest industry quality standards and designed to meet strict specifications.

FEATURES

This LNB is an ideal solution for DBV (Digital Broadcast Video), VSAT Broadband, Military Satcom, Point-of-Sale and Oil and Gas applications.

- L.O Stability +/- 10 KHz
- 25 °K Noise Temperature

FREQUENCY BANDS AVAILABLE

INPUT FREQUENCY	• 3.4 - 4.2 GHz (15K)
L.O. FREQUENCY	• 5.15 GHz
OUTPUT FREQUENCY	• 950 – 1750 MHz (13K)

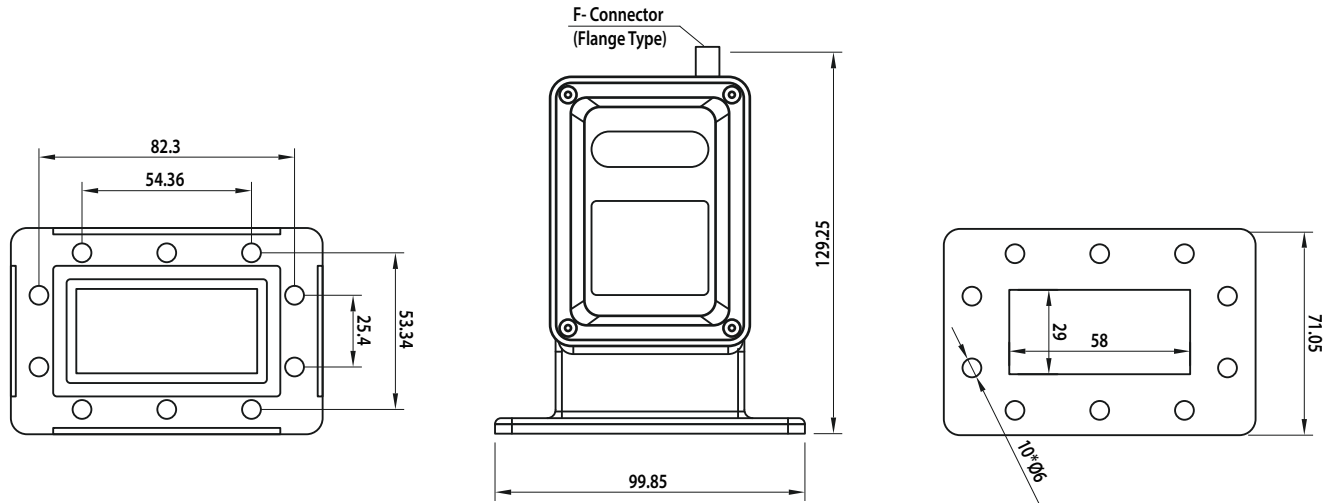
SPECIFICATIONS

MODEL	• GDLNB-5150RF
L.O. STABILITY	• ±10KHz
L.O. PHASE NOISE	• 65 dBc/Hz@1KHz • 85 dBc/Hz@10 KHz • 90 dBc/Hz@100 KHz
CONVERSION GAIN	• 62db(Typ)
GAIN FLATNESS	• ± 3db
NOISE TEMPERATURE	• 25°K
INPUT V.S.W.R	• 2:1
OUTPUT V.S.W.R	• 2:1
POWER SUPPLY	• 12-24V/120mA(Max)
OUTPUT CONNECTOR	• "F" TYPE FEMALE
CONNECTOR	• BJ40 / CPR229G

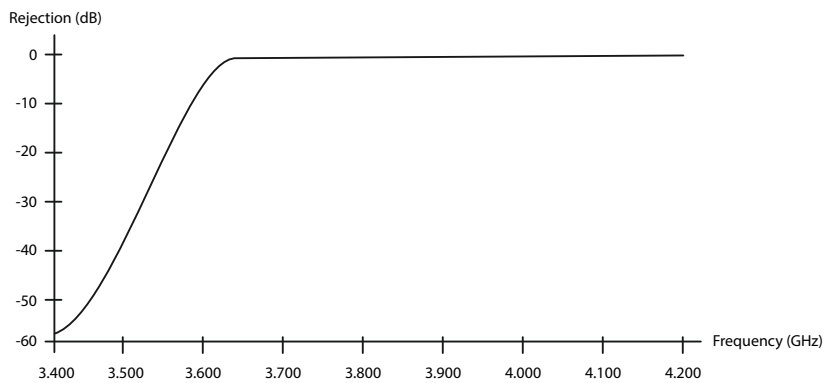
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MECHANICAL DIAGRAM



TERRESTRIAL INTERFERENCE REJECTION



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GDI Technology products are not authorized or warranted for use as critical components in equipment that requires an extremely high level of reliability. A critical component is any component of a life support device or system whose failure to perform can be reasonably expected to cause the failure of the life support device or system, or to affect its safety or effectiveness.