

Q LNB 37.50 - 42.50 GHz 2-5 Band

Key features



- Input frequency range 37.50 to 42.50 GHz
- External reference with fallback to Internal ref.
- Low phase noise and noise figure
- Switchable LO frequency
- Standard IF frequency output
- Monitoring & Control interface as standard
- Automatic temperature Gain compensation

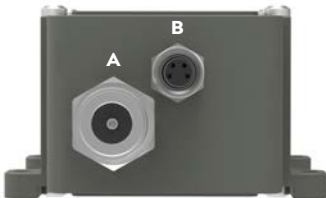


Description

The Q-Band LNB of the future, today. Packed full of our latest technology, our device provides coverage within the full Q-Band satcom downlink frequency range in one unit.

Standard features include Monitoring and Control via Modbus allowing a multitude of unique field configurable features and functions making this device both versatile and future proof.

LNB connectors (standard)



Connector A (standard)

Type: N-female, or SMA-female
Functions: L-Band out, DC in, External ref. in

Connector B (standard)

Type: M8 female, 4 pin, A-coded
Functions: Alarm and M&C

LNB connectors (optional)



Connector C (optional)

Type: SMA-female only
Functions: Ext. ref. in and/or DC input

Connector B (standard)



- 1 = Alarm open collector (max. 200 mA) or optionally DC input.
- 2 = A pos+ RS485
- 3 = B neg- RS485
- 4 = Common (GND)
- 5 = Shield

C-BAND

X-BAND

KU-BAND

KA-BAND

Q-BAND

RFo FIBER

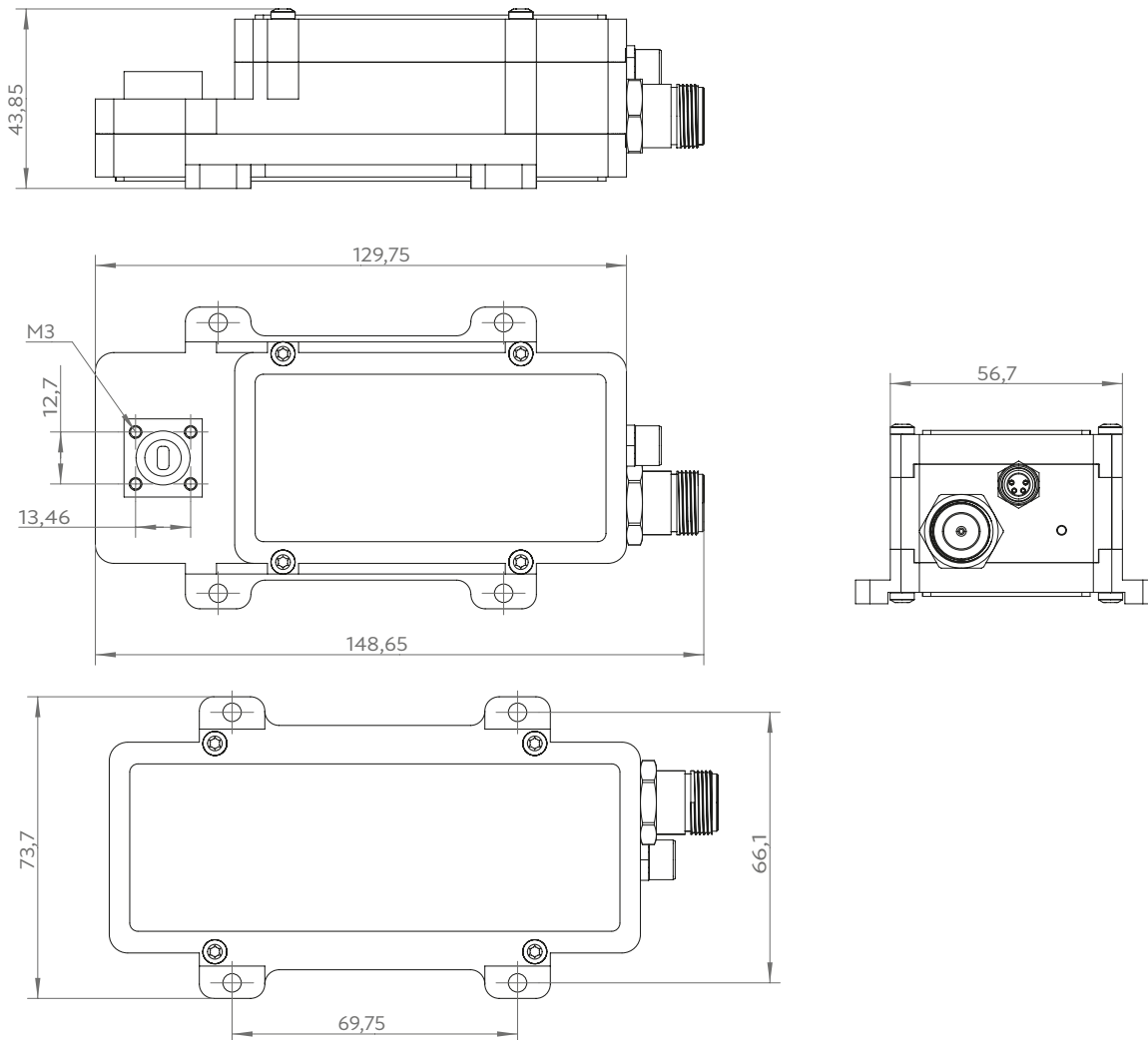
L-BAND

EXT REF

OTHER

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Technical Drawing



Designed and
Manufactured



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