



## Universal LNB

### 1 independent output

# art. 13-175

## LNB SINGLE



Universal LNB that allows the reception of digital signals of a satellite. Equipped with 1 output. It allows the connection of one independent STB.

### Characteristics

- Low phase noise DVB-S2 (HDTV) compliant
- Low noise figure
- Low power consumption
- Very high cross polarization isolation
- Very high frequency stability
- Sliding protection for F connector

Code	13-175	
Item	LNB SINGLE	
No. of outputs	1	
Input frequency range	MHz	Low band: 10700 ~ 11700 High band: 11700 ~ 12750
Output frequency range	MHz	Low band: 950 ~ 1950 High band: 1100 ~ 2150
Output VSWR	2,5:1	
Oscillator frequencies	MHz	9750, 10600
Max frequency stability	± 1 MHz	
Frequency phase noise @ 1 KHz	dBc/Hz	-65
Frequency phase noise @ 10 KHz	dBc/Hz	-80
Frequency phase noise @ 100 KHz	dBc/Hz	-95
Output gain	dB	55 typ.
Gain Variation	dB	5 typ.
Gain Flatness	dB	± 0.5dB typ.
Noise Figure (typ.)	dB	Low band: 0,3 High band: 0,3
Min. image rejection	dB	40
Cross polarization	dB	25 typ.
Legacy switch voltage control	H: 16÷19 V V: 11,5÷14 V	
Tone 22 K	KHz	0/22
Current consumption	mA	110
Impedance	Ω	75
Outputs connector	screw F-type	
Feed diameter	mm	40
Dimensions (LxWxH)	mm	80x60x60
Packaging dimensions (LxWxH)	mm	82x65x70
Packaging weight	Kg	0,102
Fit temperature	°C	- 40 ÷ + 60
Compliant to	EN 55013, EN 55020	

### Example of application

