

Universal LNB

4 H-V-H-V outputs

art. 13-231
LNB H-V-H-V



Ideal for 1 IF systems and systems with multiswitches.

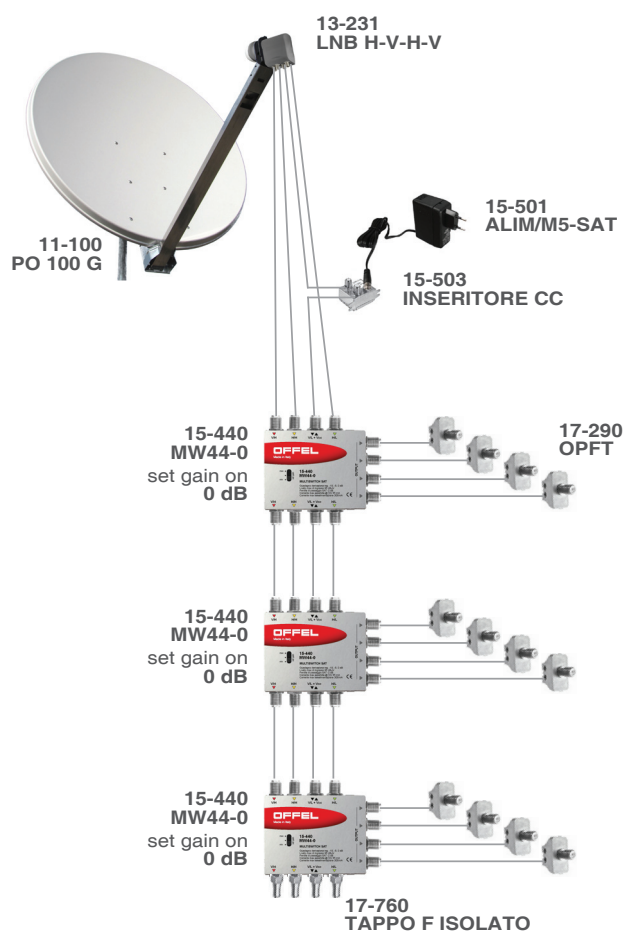
Equipped with 4 H-V-H-V separate outputs that allow the reception of digital signals of a satellite.

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 connectors

Code	13-240
Item	LNB QUAD
No. of outputs	4 (HH, VH, HL, VL)
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	-60
Frequency phase noise @ 10 KHz dBc/Hz	-80
Frequency phase noise @ 100 KHz dBc/Hz	-90
Output gain dB	55 typ.
Gain Variation dB	8 typ.
Gain Flatness dB	± 0.5dB typ.
Noise Figure (typ.) dB	Low band: 0,2 High band: 0,2
Min. image rejection dB	40
Cross polarization dB	20 typ.
Legacy switch voltage control	10,5+21 Vdc
Tone 22 K KHz	0/22
Current consumption mA	120
Impedance Ω	75
Outputs connector	screw F-type
Feed diameter mm	40
Dimensions (LxWxH) mm	100x127x60
Packaging dimensions (LxWxH) mm	100x135x60
Packaging weight Kg	0,178
Fit temperature °C	- 40 ÷ + 65
Compliant to	EN 55013, EN 55020

Example of application



* e.g. MySKYHD

