



## dCSS universal LNB

### 1 dCSS SAT output + 1 Legacy output

## art. 13-207

# LNB dCSS 1 LEGACY



It allows the reception of digital signals of a satellite. Equipped with 1 dCSS output, which allows to distribute an unlimited number of transponders up to 16 user bands, independent of each other and a Legacy output that allows the connection of one STB.

Connect to the dCSS output only decoders that support SCR/Sky standard (see frequency configuration table).

### Characteristics

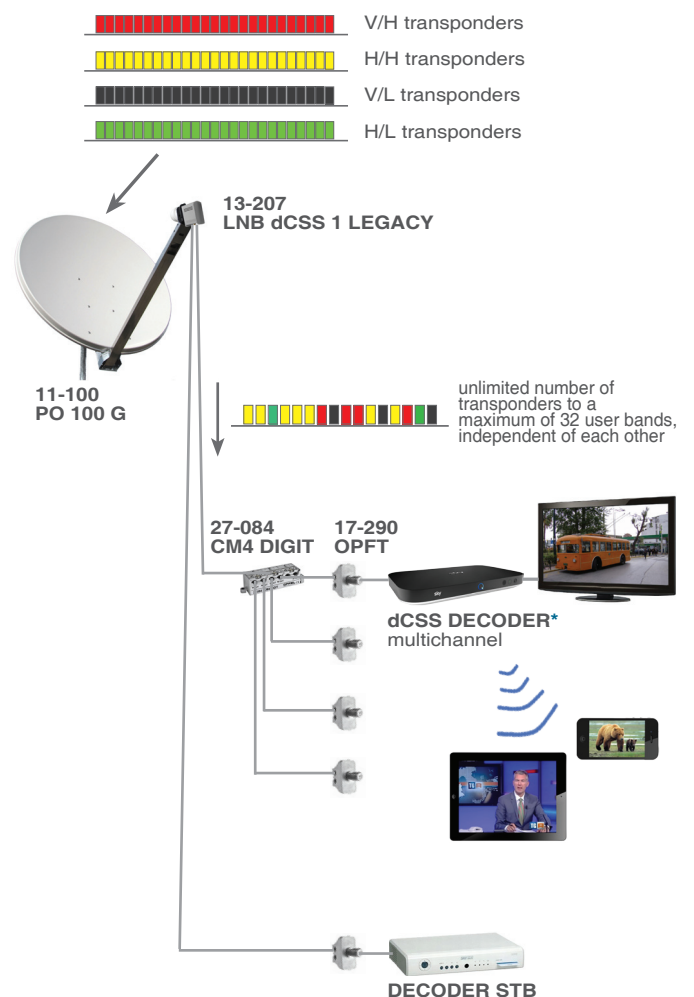
- 1 dCSS output and 1 Legacy output
- Low noise figure
- Very high cross polarization isolation
- Sliding protection for F connectors

Code	13-207	
Item	LNB dCSS 1 LEGACY	
No. of dCSS outputs	1	
No. of Legacy outputs	1	
Commutation dCSS output	DiSEqC 1.x/DiSEqC 2.x	
Input frequency range	MHz	10700 ~ 12750
Output frequency range	MHz	950 ~ 2150
LO frequency	MHz	9750, 10600
Noise figure	dB	0,1
LO initial accuracy	MHz	± 1.0 max
Phase noise (@10 KHz)	dBc/Hz	- 75
Output gain	dB	58 (Legacy) 65 (dCSS)
Gain variation (over 30 MHz bandwidth)	dB	± 3
Image rejection	dB	40
Cross polarization isolation	dB	20
Voltage control	V	H: 16÷21 V: 12÷14
Tone 22 K	KHz	22 ± 4 (0,4 V - 0,8 V pp)
Max current consumption @ 12-21 V	mA	290
Output impedance	Ω	75
Outputs connectors	screw F-type	
Feed diameter	mm	40
Dimensions (LxWxH)	mm	115x60x135
Packaging dimensions (LxWxH)	mm	115x65x145
Packaging weight	Kg	0,271
Fit temperature	°C	- 30 ÷ + 60
Compliant to	EN 55013, EN 55020	

### dCSS frequencies configuration

Channels	Freq. (MHz)	Standards
Ch. 1	1210	EN50494
Ch. 2	1420	EN50494
Ch. 3	1680	EN50494
Ch. 4	2040	EN50494
Ch. 5	985	EN50607
Ch. 6	1050	EN50607
Ch. 7	1115	EN50607
Ch. 8	1275	EN50607
Ch. 9	1340	EN50607
Ch. 10	1485	EN50607
Ch. 11	1550	EN50607
Ch. 12	1615	EN50607
Ch. 13	1745	EN50607
Ch. 14	1810	EN50607
Ch. 15	1875	EN50607
Ch. 16	1940	EN50607

### Example of application for the satellite reception for a maximum of 16 users



\* e.g. SKY Q

Rev. 0 12.2019

