



## dCSS universal LNB

1 dCSS SAT output

## art. 13-205 LNB dCSS WHITE 16 porte



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.

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

For the satellite dish alignment, during the installation LNB convert the 2 transponders TP 58 (11881 VH) on 1281 MHz IF frequency and TP 101 (12731 HH) on 2131 MHz IF frequency.

When LNB receives a DiSEqC command, it switches in dCSS/SCR functioning mode.

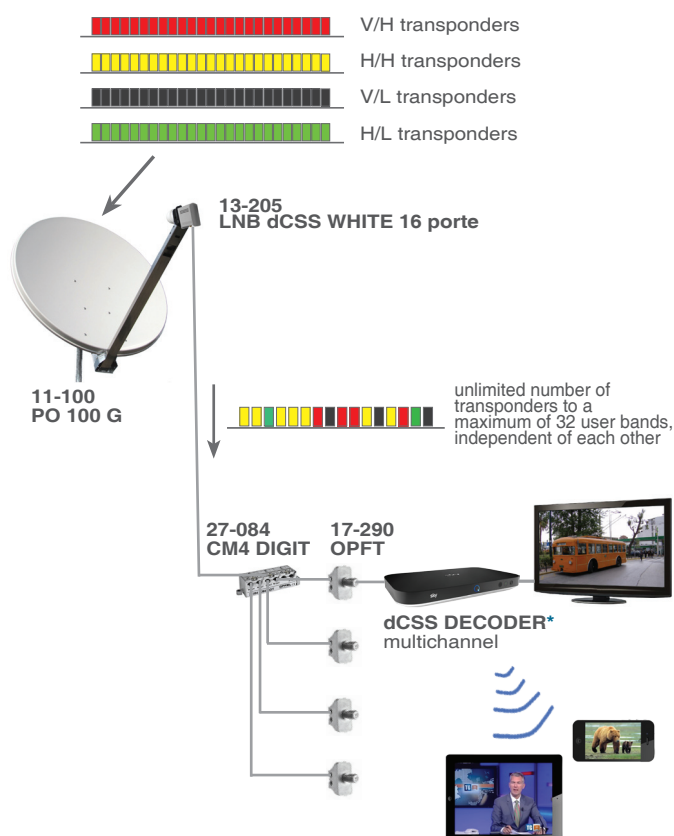
### Characteristics

- 1 dCSS output
- Low noise figure

- Very high cross polarization isolation
- Sliding protection for F connectors

Code	13-205	
Item	LNB dCSS WHITE 16 porte	
No. of dCSS 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
Max current consumption @ 12-21 V	mA	290
Output impedance	Ω	75
Outputs connectors	screw F-type	
Feed diameter	mm	40
Dimensions (LxWxH)	mm	90x65x130
Packaging dimensions (LxWxH)	mm	85x65x135
Packaging weight	Kg	0,272
Fit temperature	°C	- 30 ÷ + 60
Compliant to	EN 55013, EN 55020	

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



### 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

\* e.g. SKY Q

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