



dCSS universal LNB

1 dCSS SAT output + 2 Legacy outputs

art. 13-208 LNB dCSS 2 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 two Legacy outputs that allows the connection two STBs.

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

Characteristics

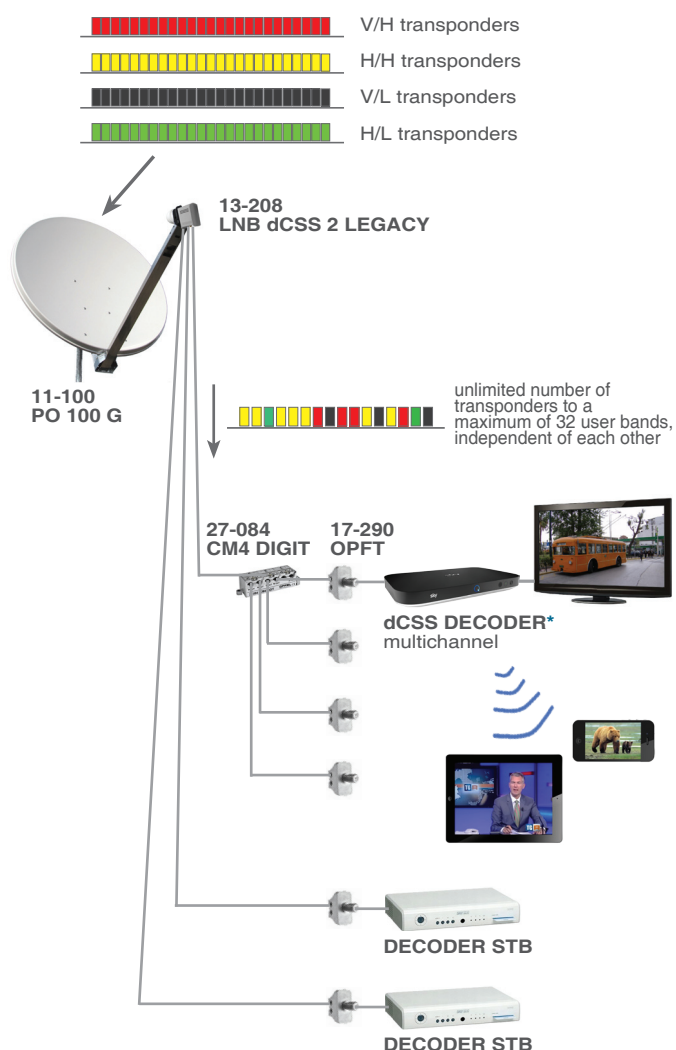
- 1 dCSS output and 2 Legacy outputs
- Low noise figure
- Very high cross polarization isolation
- Sliding protection for F connectors

Code Item	13-208 LNB dCSS 2 LEGACY
No. of dCSS outputs	2
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

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