



SCR/dCSS LNB

1 SCR/dCSS output + 1 SCR/dCSS/Legacy output + MIX TV

art. 13-211 LNB TWIN dCSS+MIX TV

It allows the reception of digital signals of a satellite. Equipped with three connectors:

- 1 SCR/dCSS output that allows to distribute an unlimited number of transponders up to 16 user bands, independent of each other;
- 1 SCR/dCSS/Legacy output, that can be used in SCR/dCSS mode or to connect a STB decoder that uses Legacy commands;
- 1 MIX TV inputs, for mixing the digital terrestrial signals in small systems.

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

Characteristics

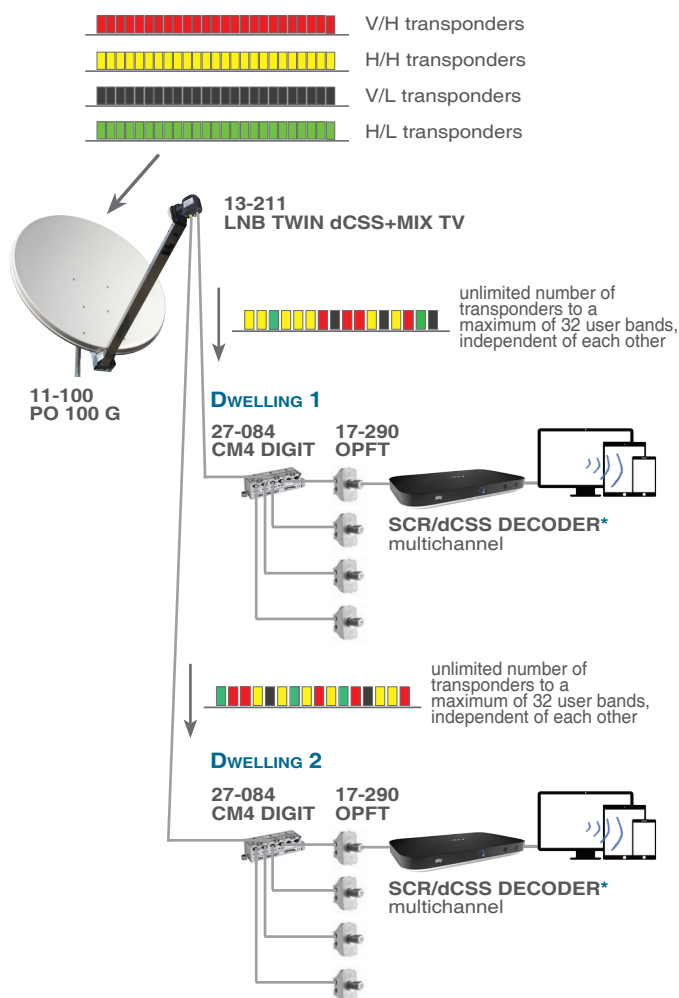
- 1 SCR/dCSS output + 1 SCR/dCSS/Legacy output
- 1 MIX TV input
- Low noise figure
- Very high cross polarization isolation

Code	13-211
Item	LNB TWIN dCSS+MIX TV
No. outputs	1 SCR/dCSS + 1 SCR/dCSS/Legacy
No. inputs	1 MIX TV
Commutation SCR/dCSS output	DiSEqC 1.x/DiSEqC 2.x
SAT input frequency range	MHz 10700 ~ 12750
SAT output frequency range	MHz 950 ~ 2150
MIX TV input frequency	MHz 47 ~ 790
LO frequency	MHz 9750, 10600
Noise figure	dB 0,2 typ.
LO initial accuracy	MHz $\pm 0,25$
Outputs gain	dB 62 max
Gain variation	dB $\pm 0,2$ @ 26 MHz
mage rejection	dB > 40
Cross polarization isolation	dB > 25
Voltage control	V 10÷19
Tone 22 K	KHz 22
MIX TV insertion loss	dB 12
MIX TV input level	dB μ V 95 max
Consumption	W 4
Impedence	Ω 75
Connectors	screw F-type
Feed diameter	mm 40
Dimensions (LxWxH)	mm 85x65x140
Packaging dimensions (LxWxH)	mm 85x65x140
Packaging weight	Kg 0,215
Fit temperature	$^{\circ}$ C - 40 ÷ + 60
Compliant to	EN 55013, EN 55020

SCR/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 at 2 dwelling. Both outputs used on SCR/dCSS mode.



* e.g. SKY Q

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