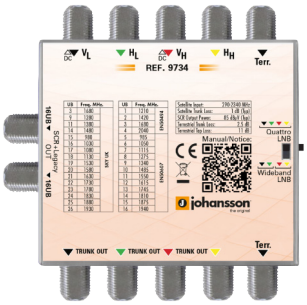
Data sheet

OFFEL
Sistemi di ricezione TV e SAT



dCSS multiswitch

2 dCSS/Legacy TV-SAT tap outputs

art. 15-734
MSW52 dCSS

SAT
DTT
SCR dCSS
Wide band
Legacy
CONN. F
CE

It allows the reception of digital signals of a satellite, with mixed TV signals.
Equipped with two dCSS/Legacy outputs. If they are used in dCSS mode, each of them allows to distribute a potentially unlimited number of transponders up to 16 users, independent of each other.

The terrestrial signal is in passive mixing to avoid any problem caused by intermodulation.

For the supply of the multiswitch and the LNB you need a power supply unit (cod. 15-710 ALIM 3,25 A) you can connect to V/L or V/H connectors using a DC inserter (cod. 15-712 INSERITORE CC dCSS).

Compatible with all Legacy decoders and decoders which support SCR/Sky standard (see dCSS frequency configuration).

Usable in combination with LNB H-V-H-V or with LNB Wideband.

Install the unit in a well aery location and keep a minimum distance of 15 cm around the apparatus for sufficient ventilation.

Characteristics

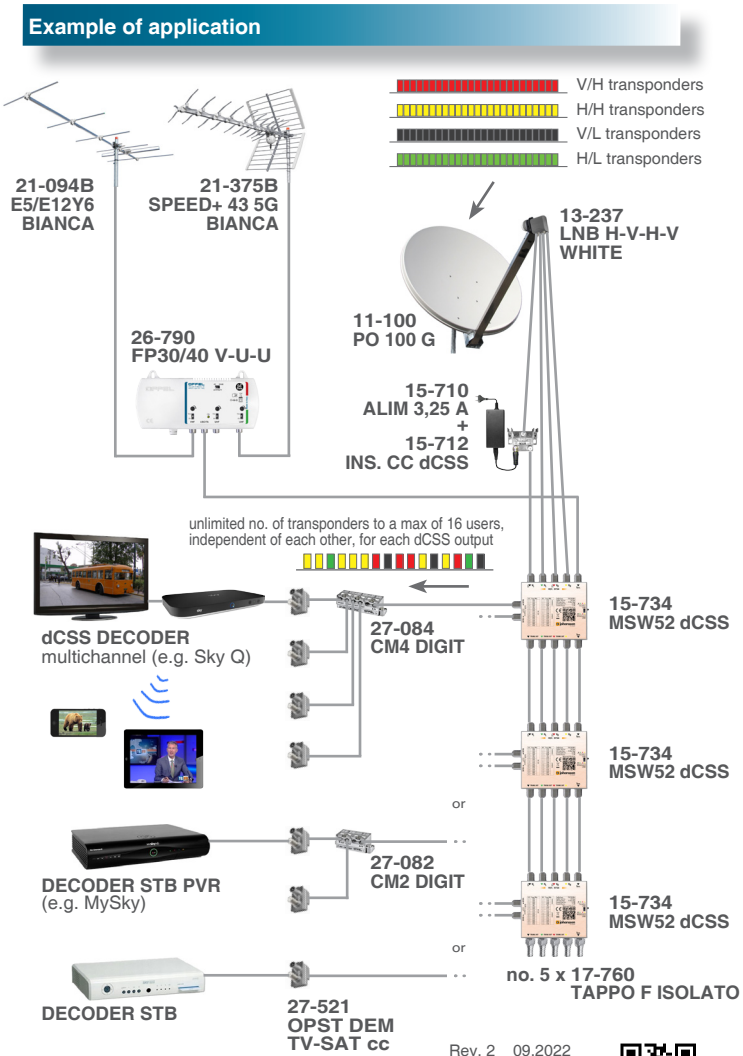
- High density digital channels
- With AGC (automatic gain control)
- High isolation between inputs and outputs
- Legacy or SCR/dCSS mode automatic selection
- Terrestrial signal in passive mixing

Code		15-734
Item		**MSW52 dCSS**
No. of SAT inputs		4
No. of TV inputs		1
No. of SAT outputs		4
No. of TV outputs		1
No. of TV-SAT dCSS/Legacy taps		2
SAT tap gain		AGC controlled
TV tap gain	dB	-11
SAT Loopthrough Loss	dB	1 typ.
TV Loopthrough Loss	dB	2,5
Return Loss	dB	-12 Typ. -8 Max
SAT tap level (with AGC)	dBµV	85
Max current consumption @13V	mA	350
Power supply voltage	Vdc	10÷20
Power to trunk		no
SAT frequencies	MHz	290÷2340
TV frequencies	MHz	5÷862
dCSS channel bandwidth	MHz	46
Max SAT input level	dBµV	90
Min SAT input level	dBµV	60
Inputs isolation	dB	>25
Outputs isolation	dB	>25
Legacy commutation control		13÷18V 0÷22KHz
dCSS commutation control		DiSEqC 1.0/DiSEqC 2.0
Connectors		screw F-type
Dimensions (LxWxH)	mm	92x40x90
Packaging dimensions (LxWxH)	mm	92x92x36
Packaging weight	Kg	0,15
Fit temperature	°C	- 20 ÷ + 50
Compliant to		EN 50083-2, EN 60065

dCSS frequency configuration

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

Example of application



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