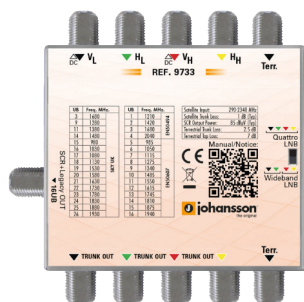




dCSS multiswitch

1 dCSS/Legacy TV-SAT tap output

art. 15-733

MSW51 dCSS



It allows the reception of digital signals of a satellite, with mixed TV signals. Equipped with a dCSS/Legacy output. If the output is used in dCSS mode, it 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 Item	15-733 MSW51 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	1
SAT tap gain	AGC controlled
TV tap gain	dB -7
SAT Loophrough Loss	dB 1 typ.
TV Loophrough Loss	dB 2,5
Return Loss	dB -12 Typ. -8 Max
SAT tap level (with AGC)	dBμV 85
Max current consumption @13V	mA 330
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

