



dCSS multiswitch

2 dCSS SAT tap outputs

**art. 15-732
MSW42 dCSS**



It allows the reception of digital signals of a satellite. Equipped with two dCSS outputs, each of which allows to distribute a potentially unlimited number of transponders up to 16 users, independent of each other.

For the supply of the multiswitch and the LNB you need a power supply unit you can connect to each of the tap outputs (cod. 15-711 ALIM 0,5 A/2) or to V/L connector (cod. 15-501 ALIM/M5-SAT) using a DC inserter (cod. 15-503 INSERITORE CC).

The device starts up in installation mode to check the equipment functionality and the correct installation. In this mode the automatic gain control is frozen (commands for activating the AGC are required).

The installation mode starts up with the following 2 transponders active (both output signals are having a fixed gain): TP 58 (Frequency: 11881 V) placed in output IF 1281 and TP 101 (Frequency: 12731 H) placed in output IF 2131.

The multiswitch switches to SCR/dCSS mode upon receiving a DiSEqC message.

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

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
- Installation mode start up

Code	15-732
Item	MSW42 dCSS
No. of SAT inputs	4
No. of SAT outputs	4
No. of dCSS taps	2
dCSS tap gain	AGC controlled
SAT Loophrough Loss	2
Return Loss	-12 Typ. -8 Max
SAT tap level (with AGC)	85
Max current consumption @13V	320
Power supply voltage	10÷18
Power to trunk	yes
SAT frequencies	950÷2150
dCSS channel bandwidth	46
Max SAT input level	90
Min SAT input level	60
Inputs isolation	>25
Outputs isolation	>25
dCSS commutation control	DiSEqC 1.0/DiSEqC 2.0
Connectors	screw F-type
Dimensions (LxWxH)	80x40x90
Packaging dimensions (LxWxH)	92x92x36
Packaging weight	0,14
Fit temperature	- 20 ÷ + 50
Compliant to	EN 50083-2. EN 60065

dCSS frequency configuration

Channel	Freq. (MHz)	Standard
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

Channel	Freq. (MHz)	Standard
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

