

SCD2-32IF SSA

SCD2 (dCSS) Multiswitches



Compact IF-IF central unit to convert up to 32 DVB-S/S2 transponders with SCD2 (dCSS) technology; **4** satellite inputs, **1** passive TV input and **1** mixed derivative with total Satellite 127dBuV output level; **Satellite 20dB** gain adjustment and **Satellite 15dB** slope adjustment.



Technical Chars

- **SCD2-32IF SSA:** 4 Satellite inputs, **1 passive TV input** and **1 mixed derivative** with: total Satellite output level **127dBuV**; sockets up to **150 meters** from the headend can be served; Satellite **gain adjustment 20dB** and **Satellite slope adjustment 15dB**.
- **Automatic Gain Control (CAG):** maintains adequate output level even when input transponder power varies (from 55dBuV to 85dBuV).
- Compatible with both traditional LNB(**UX-QT LTE**) and **Wideband LNB (UX-WB LTE)** to manage the 4 polarities of a satellite with **only two cables**.
- **Universal standard:** compatible both with **SCR/SCD** and **SCD2** frequencies used by SKY and tivùsat in Italy, and with **dSCR UK** English standard.
- **LEDs monitor:** operation of the part, connection to the USB port, correct product power-up and the presence of any input short-circuit.
- In **isofrequency** configuration; the product can also be used to equalise and amplify an entire satellite polarity.
- **Fixed (IF-IF)** or **Dynamic mode** (driven by the DiSEqC commands of the SCR or SCD2 decoder).
- **Configurable slope** of the generated signal (up to 8dB, adding to the 15dB in the SCD2-32IF SSA model) to compensate for cable loss in distribution.
- **Dual power ports** to provide more robustness to the system.
- **External power supply PSU1430F (14V, 3A) included in the package**
- Compact size, especially when compared to an equivalent IF-IF central unit with 32 programmable filters.
- **Free PC configuration SW** on site, to define via the USB port: input and output frequencies and other control unit configuration parameters (level, tilt, ...).

SCD2-32IF SSA		
Code		271138
Inputs		4 SAT, 1 TV
Outputs		1 SAT + TV
Taps		1 (SAT, TV)
Transponder no.		32

SAT		
Bandwidth	MHz	250-2350
Gain adjustment	dB	20
SAT tilt adjustment	dB	15
Slope adjustment for transponder	dB	8 (via SW)
AGC	dB μ V	55-85
Maximum input level SAT	dB μ V	97
Max Output level SAT per transponder	dB μ V	112
Max Output level (single tone)	dB μ V	107
Max Output level	dB μ V	127
TV		
TV bandwidth	MHz	114-790
Insertion loss	dB	-2
Consumption		
Power supply voltage	Vdc/A	220-240 / 50-60
Mains plug		2 with F-connectors (the second one is optional, it only serves to make the workpiece more robust)
Current consumption without LNB	mA	600 @12V
Current consumption with LNB	mA	1200 @12V
Maximum power supply current SAT	mA	600 @12V
Taps		
Transponder no.		32
Operating method		IF-IF Static / SCR / SCD2 (dCSS)
SAT bandwidth	MHz	950-2150
Bandwidth SAT per transponder	MHz	20-60
Sat frequency precision	kHz	< 50
Switching standards		DiSEqC-SCIF 1st and 2nd generation (SCD / SCD2) SCR (EN50494) and SCD2 (EN50607)
Specifications		
Dimensions power supply	mm	120 x 72 x 35
Operating temperature	°C	-10 to +55
SAT-SAT Isolation	dB	>35
TV-SAT Isolation	dB	>25
Dimensions and packaging		
Pieces		1
EAN code		8016978099764
Packaging dimensions	mm	428 x 171 x 75
Product dimensions	mm	200 x 110 x 30
Packaging weight	kg	0.98