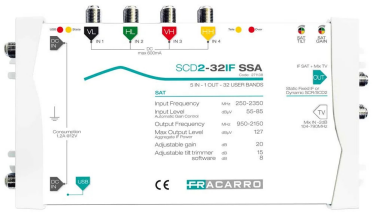
SCD2-32IF SSA

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 metres** 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	dBµV	55-85
Maximum input level SAT	dBµV	97
Max Output level SAT per transponder	dBµV	112
Max Output level (single tone)	dBµV	107
Max Output level	dBµV	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