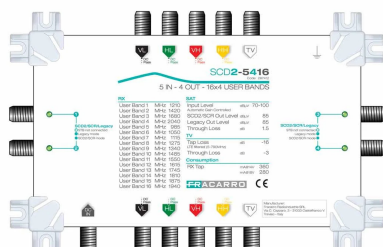# SCD2-5416

SCD2 (dCSS) Multiswitches

Cascaded SCD2 (dCSS) multiswitch, **5 inputs** with CAG and **4** derived **outputs** with 16 frequencies each and **autodetection of operating mode**, powered entirely by decoder. SKY Italia frequencies.

Technical Chars

- Series with **4 satellite inputs and 1 passive TV input, 5 pass-through outputs and 2, 4 or 8 user** taps, 4 SCR tuners and 12 dCSS SCD2 tuners simultaneously for each output.
- **Automatic Gain Control (CAG)**: maintains an adequate output signal (85dBµV) even when the input signal strength varies.
- Low pass loss.
- **Autodetection of the operating mode** depending on the STB connected to the port; this allows switching from a Legacy STB to an SCR or SCD2 without any intervention on the system. The multiswitch automatically starts in **Legacy** mode and switches to **SCR or SCD2** mode as soon as it detects a DiSEqC command. The switch is indicated by an LED near the user extension.
- DC switching on all satellite ports for maximum compatibility with existing installations.
- **The multiswitch is fully powered by the decoder**.
- **Optional PSU2032 power supply** (20V 3.2A) with F connector to power the LNB, the headend amplifier (if any) or the multiswitch when the decoder cannot support the load of the extension.

SCD2-5416		
Code		287412
Inputs		4 SAT, 1 TV
Outputs		4 SAT, 1 TV
Taps		4 to serve up to 4 Legacy users, 16 SCR users or 64 SCD2 users (dCSS)
SAT		
Bandwidth	MHz	950-2150
AGC	dBµV	70-100
Max Output level SAT per transponder	dBµV	Legacy: 76, SCR/SCD2 (dCSS): 85
Insertion loss	dB	-1.5
TV		
TV bandwidth	MHz	5-1000
Gain (Passive)	dB	-16
Insertion loss	dB	-3

Consumption

Tap	mA	360@14V / 280@18V
Power supply voltage	V	20
Absorption	mA	500@20V
Max current consumption LNB	mA	500

Taps

TV bandwidth	MHz	5-790
SCR Frequencies	MHz	1210, 1420, 1680, 2040 (meets standard EN50494); 985, 1050, 1115, 1275,1340, 1485, 1550, 1615,1745, 1810, 1875, 1940 (meets standard EN50607)

Specifications

Operating temperature	°C	-10 to +55
SAT-SAT Isolation	dB	>30

Dimensions and packaging

EAN code		8016978099597
Multiple EAN		8016978099610
Product dimensions	mm	220 x 140 x 50