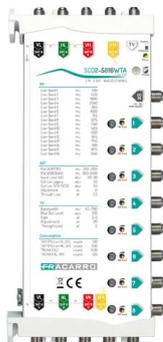


SCD2-5816WTA

SCD2 (dCSS) Multiswitches



Cascaded SCD2 (dCSS) multiswitch, 5 active and adjustable inputs with CAG also compatible with Wideband LNB and 8 derived outputs with 16 frequencies each and autodetection of operating mode, powered entirely by DC-IN connector, VL line or decoder. SKY Italia frequencies.

Technical Chars

- Series with **4 satellite inputs and 1 TV input, 5 pass-through outputs and 4 or 8 user taps**, 4 SCR tuners and 12 SCD2 dCSS tuners simultaneously for each output.
- Compatible with both conventional LNB(**UX-QT LTE**) and **Wideband LNB (UX-WB LTE)** to distribute the **4 polarities of a satellite with only two cables**.
- **Active and adjustable TV input** to mix DTT and Satellite signals in distribution.
- **Automatic Gain Control (CAG)**: maintains an adequate output signal (95dBμV) even when input signal strength varies.
- **High Satellite level and separate adjustment** for each output.
- **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.
- Low handover loss.
- DC pass-through on all satellite ports for maximum compatibility with existing installations.
- **FVM Flexible Voltage Management** allows the multiswitch to be powered in different modes without the need for a dip switch.
- Compatible with **SCR/SCD** and **SCD2** frequencies used by SKY and Tivùsat in Italy.
- **Power supply not included PSU3001** with DC insertion on F connector to power the LNB, headend amplifier (if any) and multiswitch when the decoder cannot support the load of the extension.

SCD2-5816WTA		
Code		271181
Inputs		4 SAT, 1 TV
Outputs		4 SAT, 1 TV
Taps		8 to serve up to 8 Legacy users, 32 SCR users or 128 SCD2 users (dCSS)
SAT		
Bandwidth	MHz	Quattro: 950-2150; Wideband 250-2400
Gain adjustment	dB	12
AGC	dBμV	60-90
Max Output level SAT per transponder	dBμV	Legacy: 92, SCR/SCD2 (dCSS): 95
Insertion loss	dB	-3.5
Return loss	dB	>10

TV		
TV bandwidth	MHz	40-790
Gain (Active)	dB	3-5
Gain adjustment	dB	20
Max Output level	dB μ V	105
Insertion loss	dB	-2
Consumption		
Tap	mA	PSU su DC-IN o VL: 100@13V; PSU su HL o VH: 420@13V
Power supply voltage	V	12-18
Absorption	mA	PSU on DC-IN or VL: 1400@13V; PSU on HL or VH: 120@13V; HH pass
Taps		
SAT bandwidth	MHz	950-2150
TV bandwidth	MHz	40-790
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	$^{\circ}$ C	-10 to +55
SAT-SAT Isolation	dB	>25
Dimensions and packaging		
Pieces		1
EAN code		8016978103843
Packaging dimensions	mm	276 x 116 x 58
Product dimensions	mm	260 x 109 x 50
Packaging weight	Kg	0.96