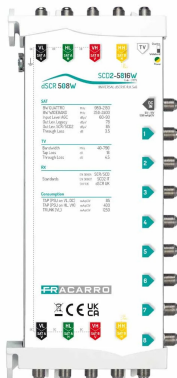


SCD2-5816W

SCD2 (dCSS) Multiswitches



5-input cascadable SCD2 (dCSS) multiswitch with CAG; compatible also with **Wideband LNBS**; **8 output taps** with 16 frequencies each and **operating mode autodetection**, entirely fed by **DC-IN connector, VL line** or by the receivers. SKY Italian and SKY UK frequencies.

Technical Chars

- Series with **4 satellite inputs and 1 TV input, 5 pass-through outputs and 2, 4, 6 or 8 user extensions**, 4 SCR tuners and 12 dCSS SCD2 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**.
- **Passive TV** input to mix DTT and Satellite signals in distribution.
- **Automatic Gain Control (CAG)**: maintains an adequate output signal (85dB μ V) even when input signal strength varies.
- **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.
- **Universal standard**: compatible both with **SCR/SCD** and **SCD2** frequencies used by SKY and tivùsat in Italy, and with **dSCR UK** English standard.
- **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.

| SCD2-5816W | | |
|--------------------------------------|------------|--|
| Code | | 271179 |
| 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 |
| AGC | dB μ V | 60-90 |
| Max Output level SAT per transponder | dB μ V | Legacy: 78, SCR/SCD2 (dCSS): 85 |
| Insertion loss | dB | -3.5 |
| Return loss | dB | >10 |

| TV | | |
|--------------------------|-----|---|
| TV bandwidth | MHz | 40-790 |
| Gain (Passive) | dB | -18 |
| Insertion loss | dB | -4.5 |
| Consumption | | |
| Tap | mA | PSU su DC-IN o VL: 85@13V; PSU su HL o VH: 400@13V |
| Power supply voltage | V | 12-18 |
| Absorption | mA | PSU on DC-IN or VL: 1250@13V; HL, VH or HH pass |
| Taps | | |
| SAT bandwidth | MHz | 950-2150 |
| TV bandwidth | MHz | 40-790 |
| SCR Frequencies | MHz | Standard EN50494 SCR/SCD, EN50607 SCD2 IT and SKY dSCR UK |
| Specifications | | |
| Operating temperature | °C | -10 to +55 |
| SAT-SAT Isolation | dB | >25 |
| Dimensions and packaging | | |
| Pieces | | 1 |
| EAN code | | 8016978103591 |
| Packaging dimensions | mm | 276 x 116 x 58 |
| Product dimensions | mm | 260 x 109 x 50 |
| Packaging weight | Kg | 0.94 |