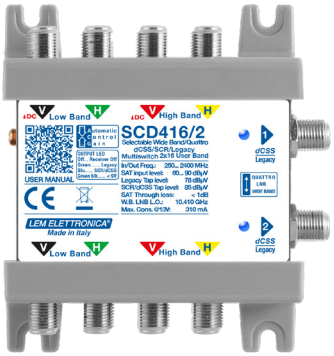
SCD416/2

Legacy/dCSS cascadable Multiswitch
4 inputs 2 output



- ***LNB power supply from decoder***
- ***Selectable Quattro/WideBand Mode***
- ***Legacy/SCR-dCSS automatic selection***
- ***16 User band for each output***
- ***Possibility of reprogramming the user band****
- ***Status LED Legacy/dCSS/Error***

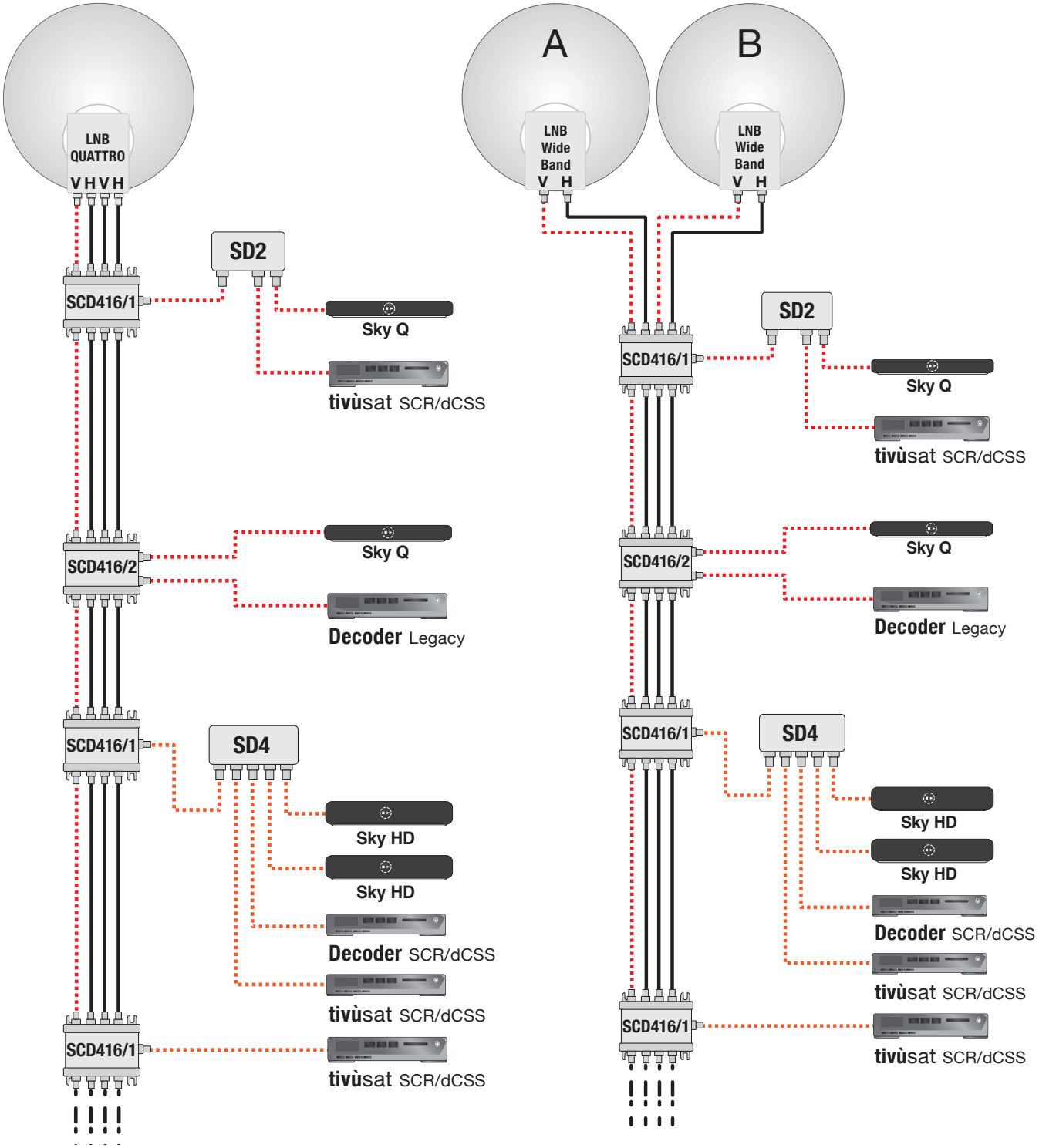
- 4 inputs cascade multiswitch, 2 outputs with 16 user band and **auto switch from legacy to SCR/dCSS**
- Using the **PSCD-01** programmer, the standard default configuration of user band frequencies can be freely modified to suit specific user requirements.
- satellite inputs equipped with **automatic gain control CAG**.
- Suitable for use in systems with **LNB Quattro or LNB Wide Band** to distribute one full satellite position using only 2 coaxial cables or two satellite positions using 4 cables.

WIDEBAND MULTISWITCH · 2 ORBITAL POSITIONS A B LNB WIDE BAND · Automatic Control Gain · WARRANTY 5 YEARS

*** Programmer PSCD-01 required**

MODEL		SCD416/2
TYPE		Cascadable
INPUTS / OUTPUTS TRUNK		4 / 4
OUTPUT/TAPS		2
SATELLITE TRUNK LINES FREQ. RANGE	MHz	250... 2400
SATELLITE TRUNK LOSS	dB	≤ 1
SATELLITE INPUTS POWER LEVEL RANGE	dBµV	60... 100
SATELLITE A.C.G. POWER LEVEL RANGE	dBµV	60... 90
SATELLITE OUTPUT/TAP FREQ. RANGE	MHz	950... 2150
MAX. LEGACY OUTPUT LEVEL	dBµV	75
MAX. SCR-dCSS OUTPUT LEVEL	dBµV	85
SCR/dCSS STANDARDS		Compliant with CENELC EN50494 (SCR) EN50607 (dCSS) SKY UK DSCR
SCR/dCSS USER BANDS		16
AVAILABLE USER BAND FREQUENCY PLANS		SKY ITALIA - SKY UK - MULTICHOICE - CYFROWY POLSAT
LEGACY STANDARDS		13/18V 22KHz Universal Tone & Voltage
DiSEqC SIGNALLING		DiSEqC 1.0 / 2.0 Compliant
CROSSPOLARITY ISOLATION	dB	> 30
TRUNK ISOLATION	dB	> 30
PHASE NOISE	dBc/Hz	-90 @ DELTA F=1KHz
RETURN LOSS	dB	> 12
MAX. POWER CONSUMPTION @ 13V PER OUTPUT	mA	300
LNB MAX CURRENT @ 20V	mA	300
DIMENSIONS LxHxP	mm	97x94x34

Connection Diagram



For small installations with one or more **SCD416** series multiswitches, if the input signal to the multiswitches is greater than **60dBµV**, it may not be necessary to use the headend amplifier. LNB power is supplied directly from the decoders.

Note: If several SCR/dCSS decoders are connected to the same derived output, the use of **SD2** and **SD4 Smart Splitters** is recommended.

FM-DAB-SAT-DTT

LNB Power Line

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