








SCX516A SERIES

-  **Terrestrial Active with 0-10dB adjuster**
-  **Quattro/Wide band Lnb switch**
-  **Cascade or Stand-alone mode switch**

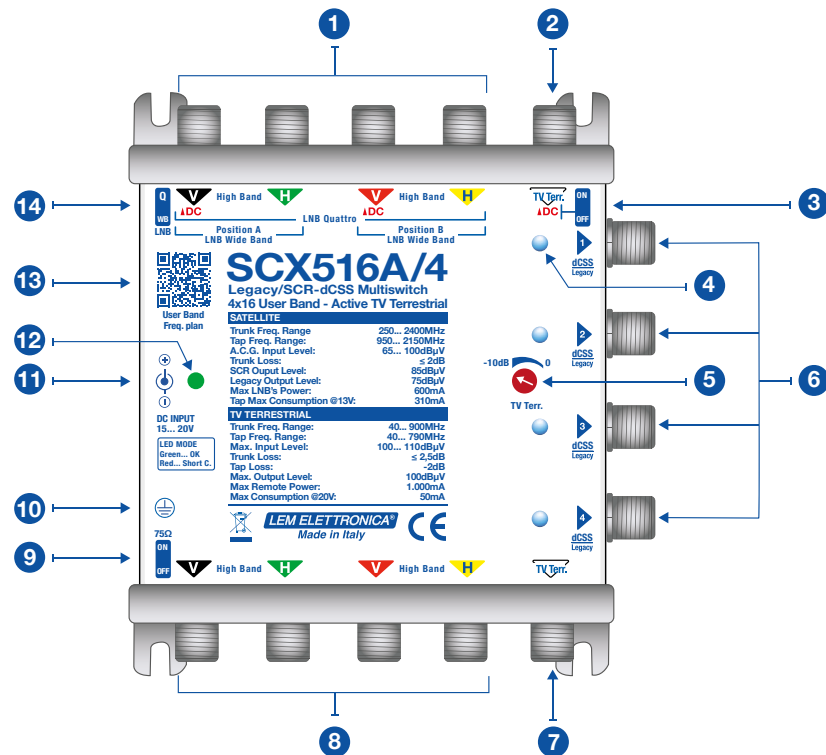
-  Legacy/SCR-dCSS automatic selection
-  16 User band for each output
-  Diagnostic/Status Led
-  DC input for multiswitch and LNB powering



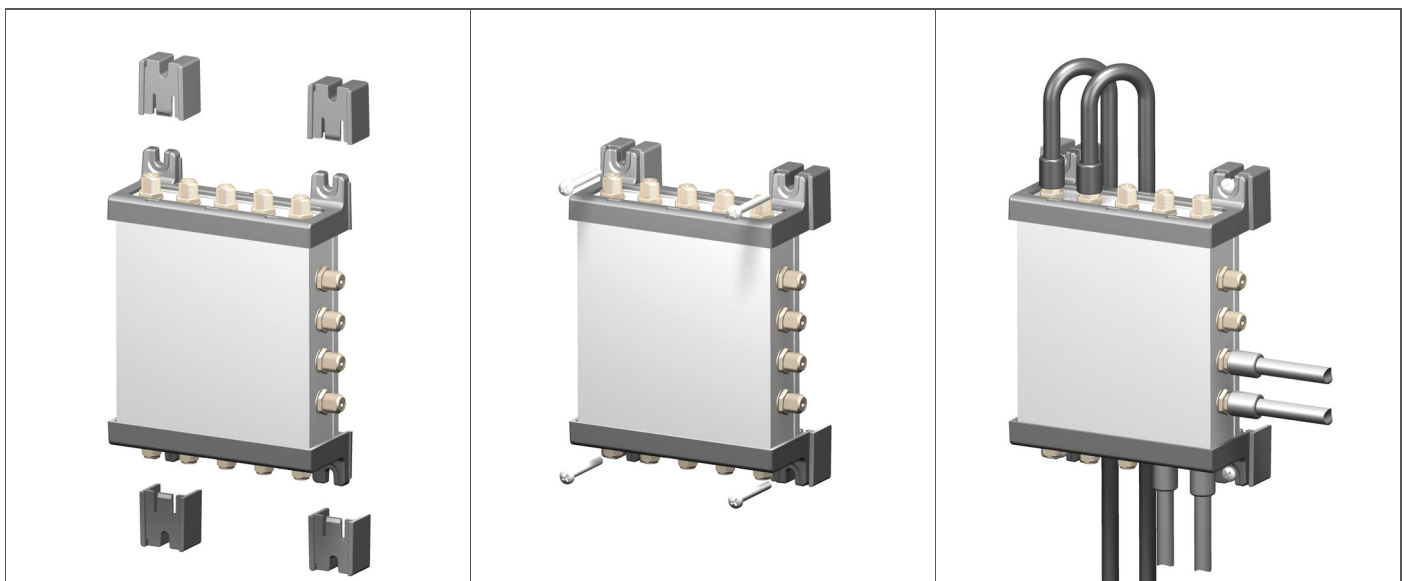
Ready for UHDTV



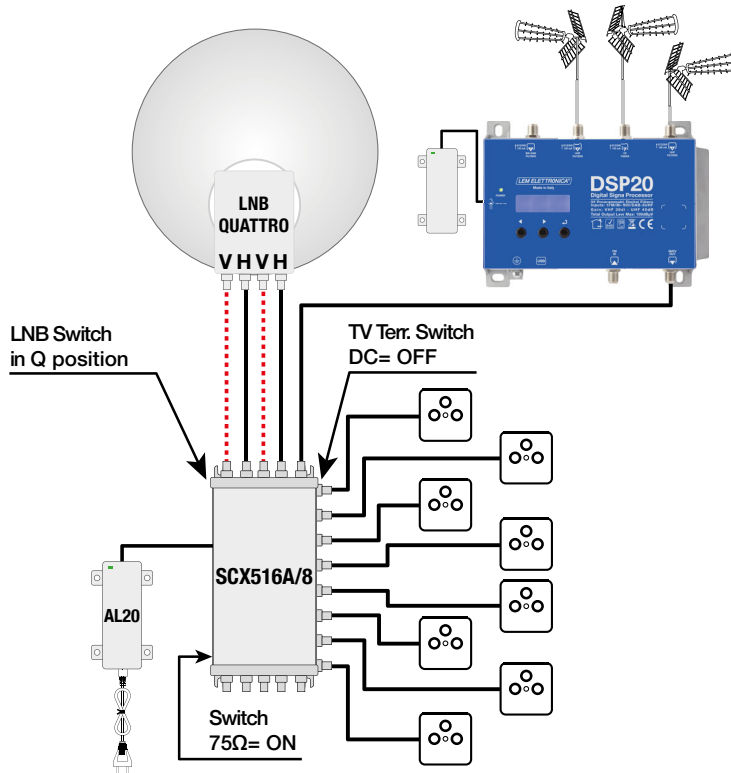
5 CABLES 2/4/6/8 TAPS		SCX516A/2	SCX516A/4	SCXA516/6	SCX516A/8
TYPE		Cascadable / Stand-alone			
N° INPUTS / OUTPUTS		5/5			
N° TAPS		2	4	6	8
SATELLITE					
TRUNK FREQUENCY RANGE	MHz	250... 2.400			
TAPS FREQUENCY RANGE	MHz	950... 2.150			
A.C.G. INPUT RANGE	dBμV	65... 100			
SCR/dCSS TAP OUTPUT LEVEL	dBμV	85			
LEGACY TAP OUTPUT LEVEL	dBμV	78			
TRUNK LOSS SATELLITE	dB	≤ 2	≤ 2	≤ 3	≤ 4
SUPPORTED STANDARDS		LEGACY / EN 50494 / EN 50607 / SKY UK (Automatic Selection)			
AVAILABLE USER BAND FREQUENCY PLANS		SKY ITALIA - SKY UK - MULTICHOICE - CYFROWY POLSAT			
MAXIMUM CURRENT DRAIN @ 13V PER OUTPUT	mA	310			
MAXIMUM LNB(S) POWER	mA	600			
TV TERRESTRIAL					
TRUNK FREQUENCY RANGE	MHz	40... 900			
TAPS FREQUENCY RANGE	MHz	40... 790			
TV TERR. INPUT ATTENUATOR RANGE	dB	0... -10			
TV TERR. MAX INPUT RANGE	dB	100... 110			
TV TERR. TAP LOSS	dB	0	2	3	4
TRUNK LOSS TV TERR.	dB	≤ 2,5	≤ 2,5	≤ 3,5	≤ 3,5
COMMON SPECIFICATIONS					
SEPARATION SATELLITE / TV TERR.	dB	≥ 50			
CROSS-POLAR ISOLATION	dB	> 30			
INPUTS - OUTPUTS ISOLATION	dB	> 30			
RETURN LOSS	dB	> 12			
MAXIMUM TOTAL CURRENT DRAIN @20V	mA	400	750	1.100	1.450
OPERATING TEMPERATURE RANGE	°C	0... 50			
DIMENSIONS	mm	104x110x39	144x110x39	184x110x39	224x110x39



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|---|--|
| <p>1 - Satellite trunk inputs for one Quattro or two WideBand LNB</p> <p>2 - TV Terrestrial trunk input</p> <p>3 - TV Terrestrial trunk DC injector switch</p> <p>4 - Tap output status led (green legacy / blue SCR/dCSS)</p> <p>5 - TV Terrestrial tap output level attenuator</p> <p>6 - Tap output connectors for Satellite/Tv Terrestrial</p> <p>7 - TV terrestrial trunk output</p> | <p>8 - Satellite trunk output</p> <p>9 - Cascade or Standalone mode switch</p> <p>10 - Ground connection</p> <p>11 - DC input with self resetting fuse for short circuit protection</p> <p>12 - Power status led</p> <p>13 - QR code to check the SCR/dCSS user band frequency plan</p> <p>14 - Quattro / WideBand LNB switch selector</p> |
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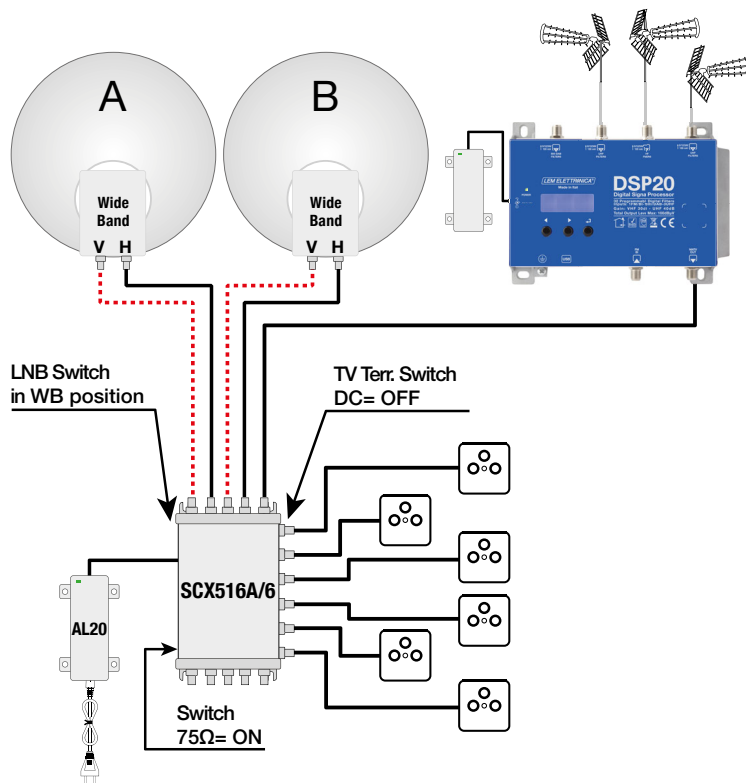


Spacers supplied to make easy the passage of the coaxial cables under the multiswitch.



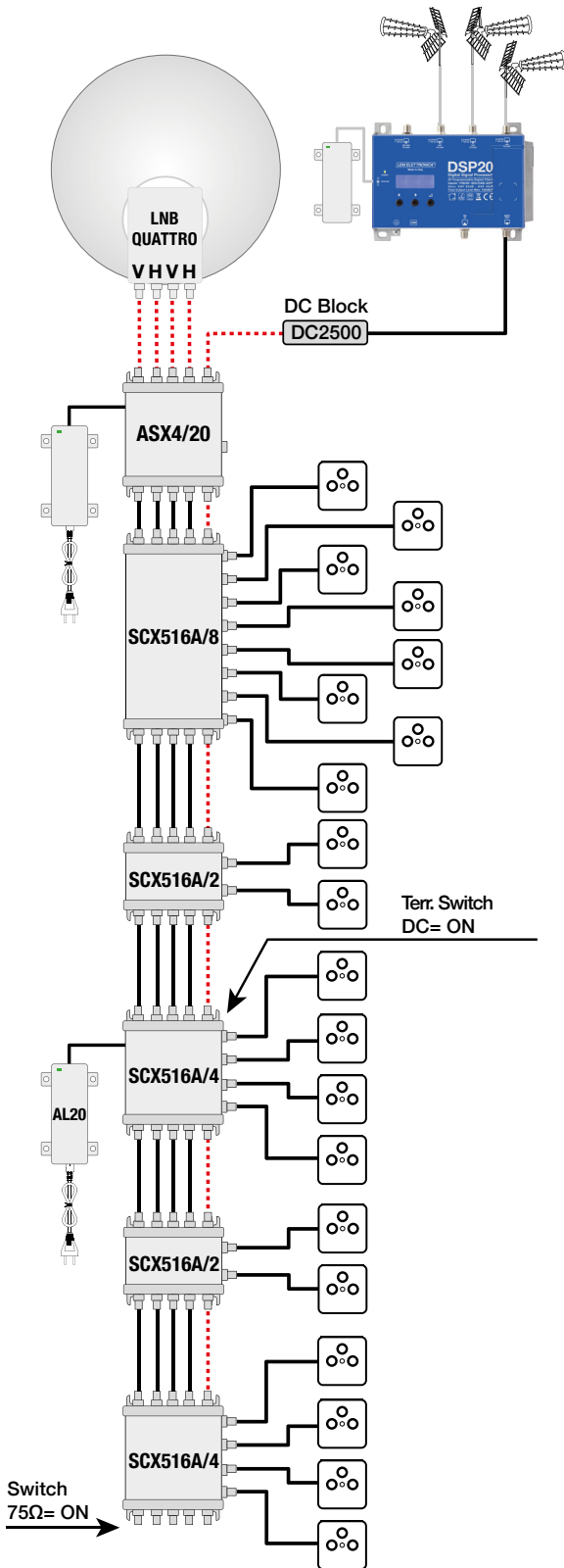
Stand-alone application of a SCX516A/8 for a single feed satellite reception with a standard Quattro LNB.

Powering Line

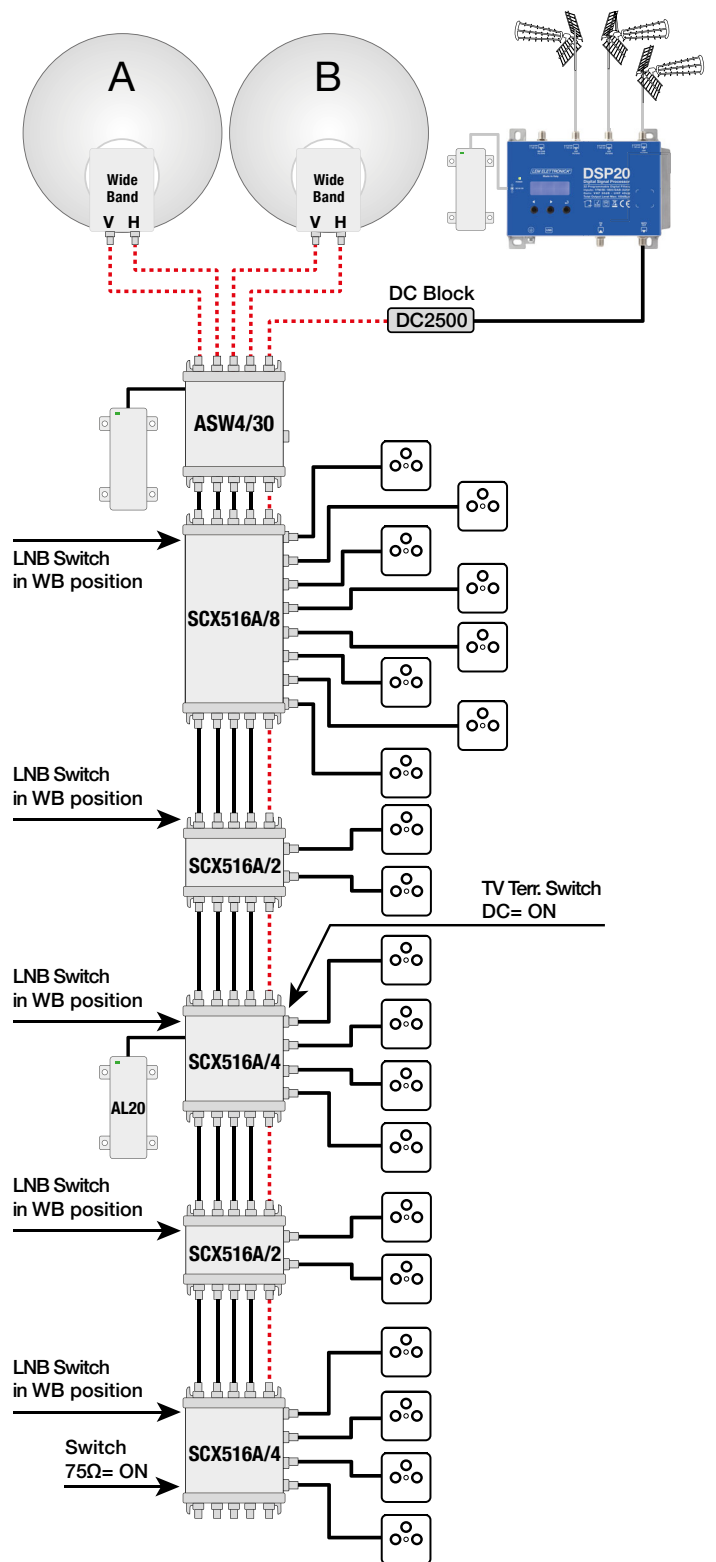


Stand-alone application of a SCX516A/6 for a dual feed satellite reception with two Wideband LNB.

Powering Line



Cascade application for a single feed satellite reception with a standard Quattro LNB.



Cascade application for a dual feed satellite reception with two Wideband LNB.

Powering Line

Powering Line