5 cable dSCR system

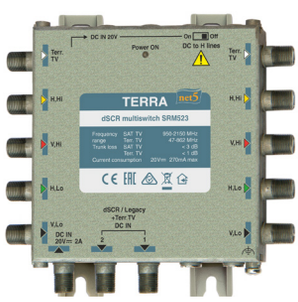
Cascadable single cable multiswitches

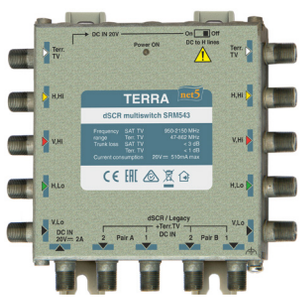
Cascadable single cable multiswitches for the distribution of SAT IF and DTT signals over one cable to up to 32 receivers per pair outputs.

- quatro LNB IF range
- control according legacy/EN50494/EN50607
- dSCR/Legacy mode automatic selection
- configurable with programmer PC102W
- DC input for external power supply
- current pass to H trunk lines, switchable
- active terrestrial TV path
- powering status LED indication
- robust die-cast housing
- connectors:
  RF inputs/outputs - type F
  DC input - type F

SRM523
active DTT path, two dSCR outputs

SRM543
active DTT path, four dSCR outputs





Technical specifications

T Y P E		SRM523	SRM543
Ordering number		02792	02793
Frequency range	SAT IF	950-2150 MHz	
	SAT IF output	950-2150 MHz	
	Terr. TV	47-862 MHz	
Number of trunk inputs	SAT IF	4	
& outputs	Terr. TV	1	
Number of tap outputs		2 (1 pair)	4 (2 pairs)
Trunk output loss	SAT IF	< 3.0 dB	
	Terr. TV	< 1.0 dB	
Return loss / impedance		> 10 dB / 75 Ω	
Input level per channel	SAT IF	60-95 dBµV	
	Terr. TV	IMD3=60 dB 96 dBµV max.	
Terr. TV noise figure		6 dB	
Tap output with combined DTT	user bands (dSCR mode)	32 max. per pair outputs, configurable	
	user band bandwidth (dSCR mode)	20-60 MHz configurable	
	dSCR mode output level, AGC controlled	84 dBµV configurable	
	legacy mode output level, typical	78 dBµV	
	Terr.TV gain	8 dB	4 dB
	Terr. TV output level	IMD3=60 dB 104 dBµV max.	IMD3=60 dB 100 dBµV max.
Decoupling	SAT IF inputs/SAT IF inputs	> 30 dB	
	SAT IF inputs/Tap outputs	> 30 dB	
	SAT IF / Terr. TV	> 25 dB	
DC pass through	SAT IF	2 A max., 1 A max. through one line	
trunk lines	Terr. TV	250 mA max.	
Current consumption	from DC input*, H trunk lines	20 V 270 mA max.	20 V 510 mA max.
	from STB	13 V 410 mA max.	
Current pass from DC input to H trunk lines, switch.		20 V 1.73 A max.	20 V 1.49 A max.
Operating temperature range		-20° ÷ + 50° C	
Dimensions/Weight (packed)		134x135x30 mm/0.42 kg	134x135x30 mm/0.44 kg

* without external DC feeding