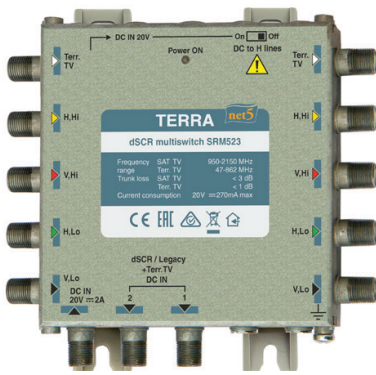


5 cable dSCR system

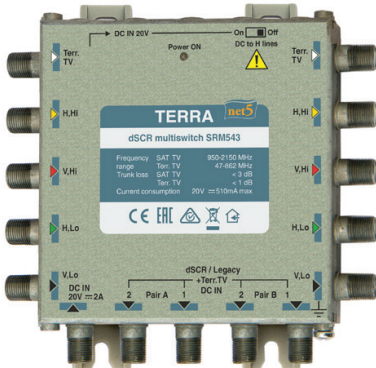
Cascadable single cable multiswitches



CTSRM523
CTSRM543



CTSRM523
5 cable dSCR system



CTSRM543
5 cable dSCR system

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

- Control according legacy/EN 50494/EN 50607
- Configurable with programmer CTPC102W
- DC input for external power supply
- Current pass to H trunk lines, switchable
- Active terrestrial TV path
- LED indication of powering
- Robust die-cast housing
- Connectors:
- RF inputs/outputs - type F
- DC input - type F

Technical specifications

T Y P E		CTSRM523	CTSRM543
Frequency range	SAT IF	950-2150 MHz	
	Terr. TV	47-862 MHz	
Number of trunk inputs & outputs	SAT IF	4	
	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 trunk lines	SAT IF	2 A max, 1 A max. through one line	
	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)		134x135x30mm/0.42kg	134x135x30mm/0.44kg

* without external DC feeding

