TERRA

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.

- wide band / quatro LNB IF range, switchable
- control according legacy/EN50494/EN50607
- dSCR/Legacy mode automatic selection
- configurable with programmer PC102W
- dedicated control/configuration port
- DC input for external power supply
- current pass to H trunk lines, switchable
- powering from H/V lines
- powering status LED indication
- robust die-cast housing
- connectors:
  RF inputs/outputs - type F
  2xDC inputs - type F

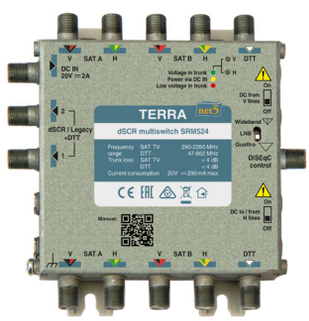
SRM524
active DTT path with AGC, two dSCR outputs

SRM544
active DTT path with AGC, four dSCR outputs

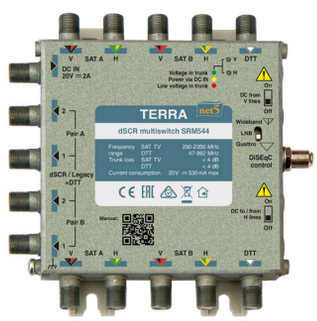
SRM524T
passive DTT path, two dSCR outputs

SRM544T
passive DTT path, four dSCR outputs

SRM524
SRM524T



SRM544
SRM544T



Technical specifications

TYPE		SRM524	SRM544	SRM524T	SRM544T
Ordering number		03705	03706	03707	03708
Frequency range	SAT IF	290-2350 MHz			
	DTT	47-862 MHz		5-862 MHz	
Number of trunk inputs	SAT IF	4			
& outputs	DTT	1			
Number of tap outputs		2 (1 pair)	4 (2 pairs)	2 (1 pair)	4 (2 pairs)
Trunk output loss	SAT IF	< 4.0 dB			
	DTT	< 4.0 dB			
Return loss / impedance		> 10 dB / 75 Ω			
Input level per channel	SAT IF	65-105 dBµV			
	DTT, per channel	55-85 dBµV (8 DTT channels)		-	
Terr. TV noise figure		< 8 dB		-	
Tap output with combined DTT	user bands (dSCR mode)	32 max. per pair outputs, configurable			
	user band bandwidth (dSCR mode)	20-60 MHz, adjustable			
	dSCR mode output level, AGC controlled	84 dBµV, adjustable			
	legacy mode output level, typical	78 dBµV			
	DTT output level, AGC controlled	82 dBµV max. (8 DTT channels), adjustable		-	
	DTT loss	-		18 dB	
Decoupling	SAT IF inputs/SAT IF inputs	> 30 dB			
	SAT IF inputs/Tap outputs	> 30 dB			
	SAT IF / DTT	> 25 dB			
DC pass through	SAT IF	3.2 A max., 1.6 A max. through one line			
trunk lines	DTT	200 mA max.			
Current consumption	from DC inputs*, H/V trunk lines	20 V 290 mA max.	20 V 500 mA max.	20 V 250 mA max.	20 V 470 mA max.
	from STB	18 V 20 mA max.			
Current pass from DC input to each H trunk line, switchable		20 V 1.6 A max.	20 V 1.5 A max.	20 V 1.6 A max.	20 V 1.53 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