TERRA

5 cable dSCR system

Cascadable single cable multiswitches

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

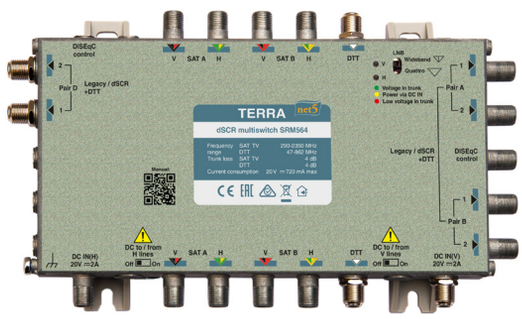
- wideband / quatro LNB IF range, switchable
- control according legacy/EN50494/EN50607
- dSCR/Legacy mode automatic selection
- configurable with programmer PC102W
- dedicated control/configuration port
- DC input for external power supply
- current pass to H and V trunk lines, independent switching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

SRM564
active DTT path with AGC, six dSCR outputs

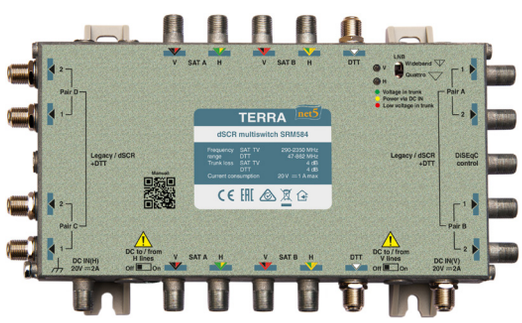
SRM584
active DTT path with AGC, eight dSCR outputs

SRM564T
passive DTT path, six dSCR outputs

SRM584T
passive DTT path, eight dSCR outputs



SRM564
SRM564T



SRM584
SRM584T

Technical specifications

TYPE		SRM564	SRM584	SRM564T	SRM584T
Ordering number		03709	03710	03711	03712
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		6 (3 pair)	8 (4 pairs)	6 (3 pair)	8 (4 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	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			
	output level, AGC controlled (dSCR mode)	84 dBµV, adjustable			
	output level, typical (legacy mode)	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 740 mA max.	20 V 970 mA max.	20 V 700 mA max.	20 V 930 mA max.
	from STB	18 V 20 mA max.			
Current pass from DC inputs to each H/V trunk line, switchable		20 V 1.26 A max.	20 V 1.03 A max.	20 V 1.3 A max.	20 V 1.07 A max.
Operating temperature range		-20° ÷ + 50° C			
Dimensions/Weight (packed)		226x135x30 mm/0.8 kg			

* without external DC feeding