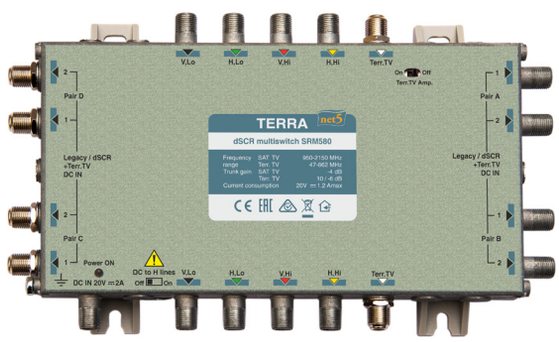
TERRA

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.

- control according legacy/EN 50494/EN 50607
- configurable with programmer PC102W
- DC input for external power supply
- current pass to H trunk lines, switchable
- active terrestrial TV path
- switchable active/bypass terrestrial TV path (SRM580)
- LED indication of powering
- robust die-cast housing
- connectors:
  RF inputs/outputs- type F
  DC input - type F



Technical specifications

TYPE		SRM580	SRM581
Ordering number		02789	02798
Frequency range	SAT IF	950-2150 MHz	290-2350 MHz
	Terr. TV	47-862 MHz	
Number of inputs	SAT IF	4	
& trunk outputs	Terr. TV	1	
Number of tap outputs		8 (4 pairs)	
Trunk gain	SAT IF	> - 4 dB	> - 8.0 dB
	Terr. TV (active mode)	10 dB	> - 1.0 dB
	Terr. TV (bypass mode)	-6 dB	-
Return loss / impedance		> 10 dB / 75 Ω	
Input level	SAT IF	60-95 dBμV	65-95 dBμV
per channel	Terr. TV (active mode)	IMD3= 60 dB 92 dBμV max.	IMD3= 60 dB 88 dBμV max.
Terr. TV noise figure (active mode)		6 dB	
Tap output	user bands (dSCR mode)	32 max. per pair outputs, configurable	
with combined DTT	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 loss (active mode)	6 dB	-
	Terr. TV loss (bypass mode)	22 dB	-
	Terr. TV output level (active mode)	IMD3= 60 dB 86 dBμV max.	IMD3= 60 dB 96 dBμV max.
	Terr.TV gain	-	8 dB
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 1.2 A max.	20 V 1 A max.
	from STB	13 V 400 mA max.,	13 V 460 mA max.
Current pass from DC input to H trunk lines, switch.		20 V 800 mA max.	20 V 1 A max.
Operating temperature range		-20° ÷ + 50° C	
Dimensions/Weight (packed)		226.6x133.6x30 mm/0.8 kg	

* without external DC feeding