

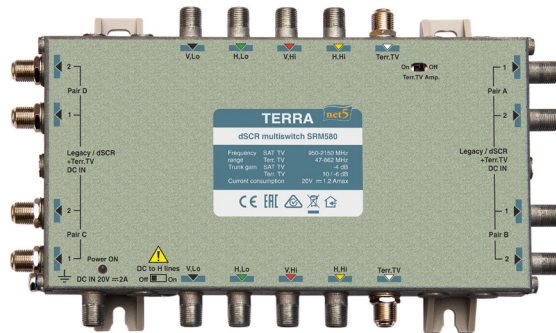


## 5 cable dSCR system

# 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
- wideband input signals from up to 4 satellites can be converted to 950-2150 MHz frequency range and received by any Legacy STB
- 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		SRM580	SRM581
TYPE			
Ordering number		02789	02798
Frequency range	SAT IF	950-2150 MHz	290-2350 MHz
	Terr. TV	47-862 MHz	
Number of inputs & trunk outputs	SAT IF	4	
	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 per channel	SAT IF	60-95 dBμV	65-95 dBμV
	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 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 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 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 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