

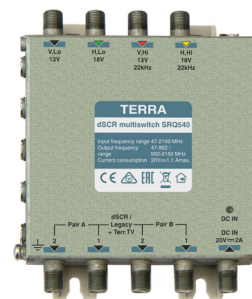


# 5 cable dSCR system

## Single cable adaptor/multiswitch

Single cable adaptor/multiswitch for the distribution of SAT IF and DTT signals over one cable to up to 32 receivers.

- compatible with 5 cable legacy multiswitches
- control according legacy/EN50494/EN50607
- dSCR/Legacy mode automatic selection
- configurable with programmer PC102W
- DC input for external power supply
- active terrestrial TV path
- powering status LED indication
- robust die-cast housing
- connectors:
  - RF inputs/outputs- type F
  - DC input - type F



Technical specifications		SRQ540
T Y P E		
Ordering number		02794
Input frequency range		V, Lo 950-1950 MHz; H, Lo 950-1950 MHz; V, Hi 1100-2150 MHz; H, Hi 47-2150 MHz
Output frequency range	SAT IF	950-2150 MHz
	Terr. TV	47-862 MHz
Supply voltage through RF inputs		V, Lo - 12 V; H, Lo - 18 V; V, Hi - 12 V & 22 kHz; H, Hi - 17.5 V & 22 kHz
DC supply	per port	H, Lo 200 mA max., V, Lo; V, Hi; H, Hi 100 mA max.
	through RF inputs	total 500 mA max.
Number of inputs		SAT IF+ Terr. TV 4
Number of dSCR/legacy + Terr. TV outputs		4
Return loss / impedance		> 10 dB / 75 Ω
Input level	SAT IF	60-95 dBμV
	Terr. TV	IMD3=60 dB 96 dBμV max.
Terr. TV noise figure		6 dB
Output with combined DTT	user bands	32 max. per pair outputs, configurable
	user band bandwidth	20-60 MHz, configurable
	dSCR mode output level, AGC controlled	84 dBμV
	legacy mode output level	78 dBμV
	Terr. TV gain	4 dB
Decoupling	Terr. TV output level	IMD3=60 dB 100 dBμV max.
	inputs	> 30 dB
	inputs/outputs	> 30 dB
Current consumption	inputs	> 25 dB
	from DC input*	20 V 1.1 A max.
	from STB**	legacy mode 18 V 20 mA max.
		dSCR mode 13 V 10 mA max.
	legacy+ dSCR mode	18 V 20 mA max.
Operating temperature range		-20° ÷ + 50° C
Dimensions/Weight (packed)		114x135x30 mm/0.4 kg

\* with maximal external DC load, total 500 mA

\*\* power supply 20V connected at DC IN