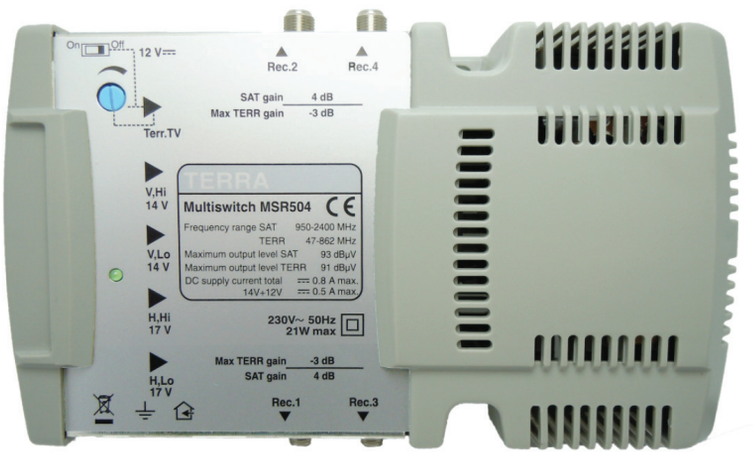
5 cable system
Radial multiswitches

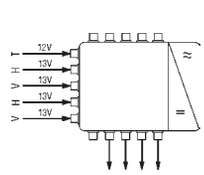
CTMSR504



- For star distribution system of 4 SAT IF polarities and terrestrial
- TV signal up to 8 users
- Passive terrestrial TV path
- Built-in power supply for remote DC feeding (MRS504, MRS508)
- Possibility to feed LNBs and network equipment from external +18 V power supply unit (for MVS508 only): recommended power supply PS182F
- Possibility to feed preamplifier through terrestrial TV input
- Die-cast housing.

Technical specifications

T Y P E			CTMSR504
Number of outputs			4
Frequency range	SAT IF		950-2400 MHz
	Terr. TV		5-862 MHz
Gain (fixed slope pre-correction)	SAT IF	outputs 1-2	-6 — 0 dB
		outputs 3-4	-7 — 2 dB
		outputs 5-8	-
Attenuation	Terr. TV	outputs 1-4	12 dB
		outputs 5-8	-
Output level for SAT IF (IMD3=35 dB)*			93 dBµV
SAT inputs decoupling			≥ 25 dB
Outputs decoupling	SAT IF		≥ 25 dB
	Terr. TV		≥ 25 dB
Rejection	SAT/Terr. TV		≥ 40 dB
Supply voltage through RF inputs			H,Lo, H,Hi, V,Lo and V,Hi - 13 V; Terr. TV - 12 V
DC supply current through RF inputs	+18V &+12V		-
	+13V &+12V		≤ 0.27 A
	+12V		≤ 100 mA
Current consumption from receiver			≤ 40 mA
Control signals			14/18 V, 0/22 kHz
Power consumption***			230 V~ 50/60 Hz 2 W
Operating temperature range			-20° — 50 °C
Dimensions/Weight (packed)			200x137x52mm/0.84kg



* 2 equal carriers

** with external 18 V power supply; this power supply is not necessary for normal operation, but can be used for powering of external network equipment

*** without external DC load; with maximal external DC load 7 W