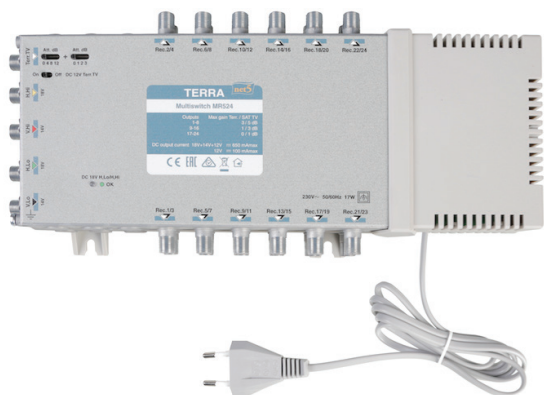


5 cable system

Radial multiswitches



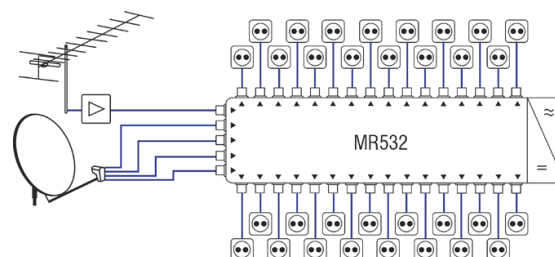
CTMR524
5x24 multiswitch



CTMR532
5x32 multiswitch

CTMR524
CTMR532

- For star distribution system of 4 SAT IF polarities and terrestrial TV signal up to 32 users
- 16 positions discrete gain regulator for terrestrial TV
- Built-in power supply for remote DC feeding
- Possibility to feed preamplifier through terrestrial TV input
- Die-cast housing



T Y P E		CTMR524	CTMR532	
Number of outputs		24	32	
Frequency range	SAT IF	950-2400 MHz		
	Terr. TV	47-862 MHz		
Gain (fixed slope pre-correction)	SAT IF	outputs 1-8	-3 — 5 dB	
		outputs 9-16	-4 — 3 dB	
		outputs 17-24	-5 — 1 dB	
		outputs 25-32	-	
	Terr. TV	outputs 1-8	-2 — 3 dB	-6 — 1 dB
		outputs 9-16	-4 — 1 dB	
	outputs 17-24	-5 — 0 dB		
	outputs 25-32	-	-6 — 2 dB	
Gain adjustment Terr. TV		15 dB by 1 dB step		
Output level for SAT IF (IMD3=35 dB)*		96 dB μ V		
Output level for Terr. TV (IMD3=60 dB)*	outputs 1-8	86 dB μ V		
	outputs 9-16	84 dB μ V		
	outputs 17-24	82 dB μ V		
	outputs 25-32	-	80 dB μ V	
SAT inputs decoupling		≥ 30 dB		
Outputs decoupling	SAT IF	≥ 30 dB		
	Terr. TV	≥ 35 dB		
Rejection	Terr. TV/SAT	≥ 30 dB		
	SAT/Terr. TV	≥ 40 dB		
Supply voltage through RF inputs		H,Lo and H,Hi - 18 V; V,Lo and V,Hi - 14 V; Terr. TV - 12 V		
DC supply current	+18V & +14V & +12V	< 0.65 A		
through RF inputs	+14V & +12V	< 0.5 A		
	+12V	≤ 100 mA		
Current consumption from receiver		< 65 mA		
Control signals		14/18 V, 0/22 kHz		
Power consumption**		230 V ~ 50/60 Hz 3 W		
Operating temperature range		-20 ^o — 50 ^o C		
Dimensions/Weight (packed)		293x135x52 mm/1.7 kg	333x135x52 mm/2.1 kg	

* 2 equal carriers

** without external DC load; with maximal load 17 W

