5 cable system
Radial multiswitches

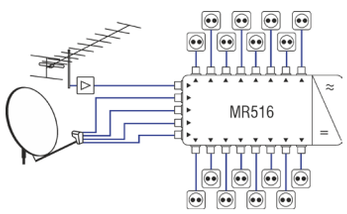
- for star distribution system of 4 SAT IF polarities and terrestrial TV signal up to 16 users
- 16 positions discrete gain regulator for terrestrial TV
- built-in power supply for remote DC feeding
- possibility to feed preamplifier through terrestrial TV input
- die-cast housing

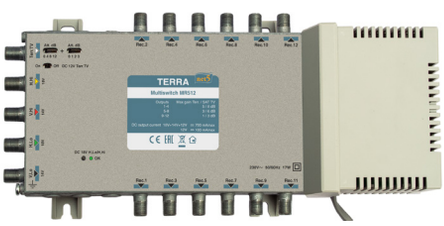
MR508
5x8 multiswitch

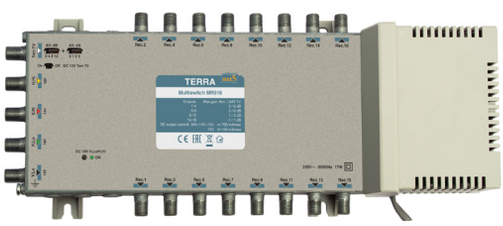
MR512
5x12 multiswitch

MR516
5x16 multiswitch









Technical specifications

TYPE			MR508	MR512	MR516
Ordering number			02725	02726	02727
Number of outputs			8	12	16
Frequency range	SAT IF		950-2400 MHz		
	Terr. TV		47-862 MHz		
Gain	SAT IF	outputs 1-4	0 ÷ 8 dB		
(fixed slope		outputs 5-8	-1 ÷ 6 dB		
pre-correction)		outputs 9-12	-	-2 ÷ 3 dB	
		outputs 13-16	-		-3 ÷ 1 dB
	Terr. TV	outputs 1-4	-1 ÷ 5 dB		
		outputs 5-8	-2 ÷ 3 dB		
		outputs 9-12	-	-3 ÷ 1 dB	
		outputs 13-16	-		-4 ÷ -1 dB
Gain adjustment Terr. TV			15 dB by 1 dB step		
Output level for SAT IF (IMD3=35 dB)*			96 dBμV		
Output level for Terr. TV		outputs 1-4	88 dBμV	88 dBμV	88 dBμV
(IMD3=60 dB)*		outputs 5-8	86 dBμV	86 dBμV	86 dBμV
		outputs 9-12	-	84 dBμV	84 dBμV
		outputs 13-16	-	-	82 dBμV
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		< 0.7 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 2 W		
Operating temperature range			-20° ÷ + 50° C		
Dimensions/Weight (packed)			253x135x52 mm/0.8 kg	293x135x52 mm/0.9 kg	333x135x52 mm/1.1 kg

* 2 equal carriers
** without external DC load; with maximal load 17 W