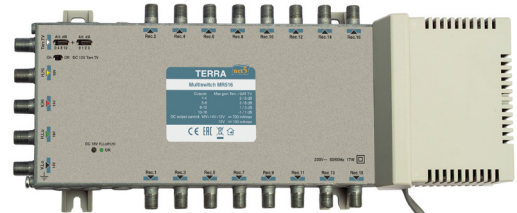
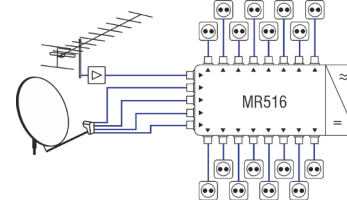




5 cable system Radial multiswitches

- 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



- MR504**
5x4 multiswitch
- MR508**
5x8 multiswitch
- MR512**
5x12 multiswitch
- MR516**
5x16 multiswitch

Technical specifications

T Y P E		MR504	MR508	MR512	MR516
Ordering number		02700	02725	02726	02727
Number of outputs		4	8	12	16
Frequency range	SAT IF	950-2400 MHz			
	Terr. TV	47-862 MHz			
Gain (fixed slope pre-correction)	SAT IF	outputs 1-4	0 ÷ 8 dB		
		outputs 5-8	-	-1 ÷ 6 dB	
		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 dB μ V			
Output level for Terr. TV (IMD3=60 dB)*	outputs 1-4	88 dB μ V	88 dB μ V	88 dB μ V	88 dB μ V
	outputs 5-8	-	86 dB μ V	86 dB μ V	86 dB μ V
	outputs 9-12	-	-	84 dB μ V	84 dB μ V
	outputs 13-16	-	-	-	82 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, H/Hi - 18 V; V/Lo, V/Hi - 14 V; Terr. TV - 12 V			
DC supply current through RF inputs	+18V & +14V & +12V	< 0.7 A			
	+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