



5 cable system

Remotely powered multiswitches

- for large installations of SAT IF distribution systems
- in line powering through H lines
- all components of 5 cable distribution system are compatible to each other
- length of the subscriber line up to 80 meters
- four positions discrete gain regulator for each SAT IF line and separate 16 positions discrete gain regulator for terrestrial TV
- optimized for operation with terrestrial digital/analog signals
- active terrestrial TV path powering from central power supply allows to receive terrestrial TV programs without switching on SAT TV receiver
- LED indication of 18 V line powering
- possibility to feed LNBs and network equipment from external +18 V power supply unit: recommended power supply - PS182F
- die-cast housing

MV508

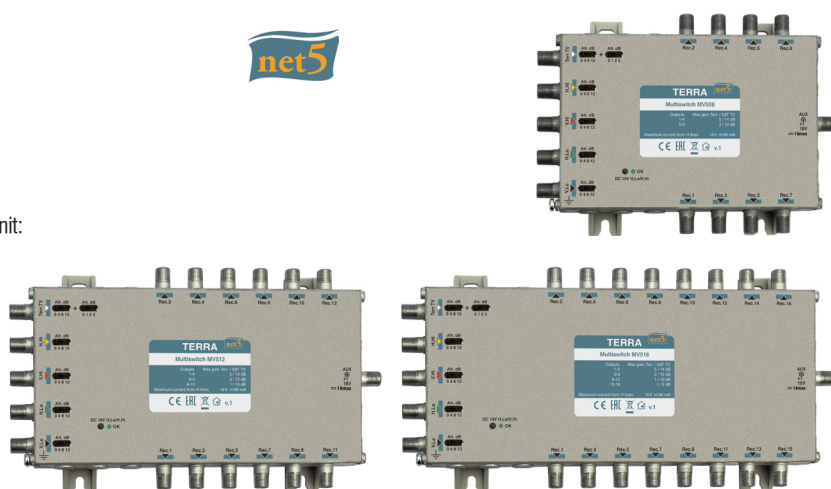
5x8 multiswitch

MV512

5x12 multiswitch

MV516

5x16 multiswitch



Technical specifications

T Y P E			MV508	MV512	MV516
Ordering number			02720V1	02721V1	02722V1
Number of outputs			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	5 ÷ 14 dB		
		outputs 5-8	4 ÷ 12 dB		
		outputs 9-12	-	3 ÷ 10 dB	
		outputs 13-16	-	2 ÷ 8 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	SAT IF		12 dB by 4 dB step		
	Terr. TV		15 dB by 1 dB step		
Output level for SAT IF (IMD3=35 dB)*			105 dBμV		
Output level for Terr. TV (IMD3=60 dB)*	outputs 1-4		88 dBμV	88 dBμV	88 dBμV
	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		
Current consumption from receiver			< 65 mA		
Current consumption from inputs H lines or from external power supply			+ 18 V 60 mA		
Control signals			14/18 V, 0/22 kHz		
Operating temperature range			-20° ÷ + 50° C		
Dimensions/Weight (packed)			187x135x30 mm/0.6 kg	227x135x30 mm/0.7 kg	267x135x30 mm/0.9 kg

* 2 equal carriers