



# 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**

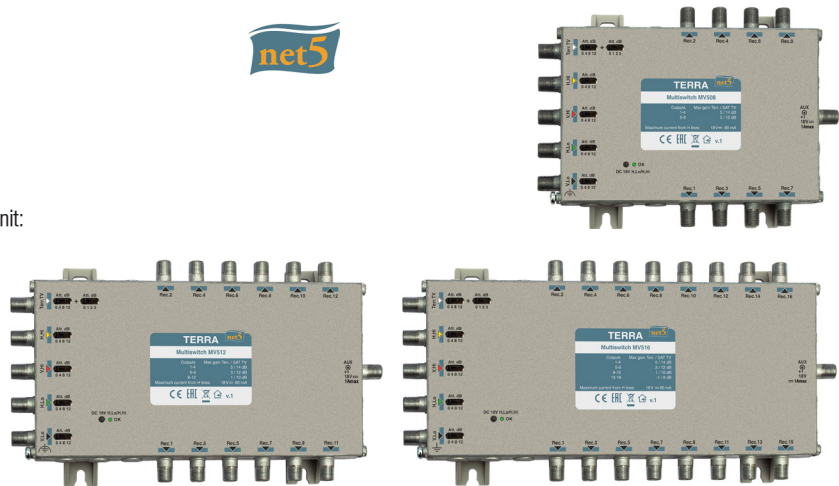
5x8 multiswitch

**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