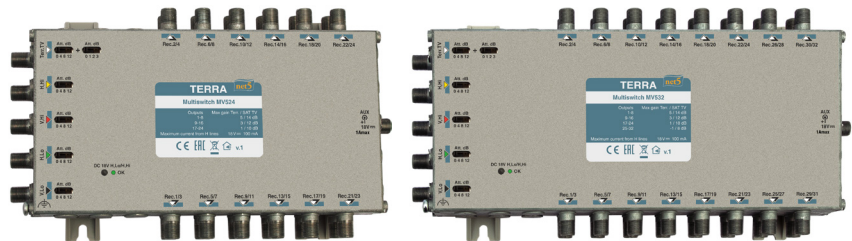




# 5 cable system

## 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



**MV524**  
5x24 multiswitch  
**MV532**  
5x32 multiswitch

**Technical specifications**

T Y P E			MV524	MV532
Ordering number			02723V1	02724V1
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	5 ÷ 14 dB	
		outputs 9-16	4 ÷ 12 dB	
		outputs 17-24	3 ÷ 10 dB	
		outputs 25-32	-	2 ÷ 8 dB
	Terr. TV	outputs 1-8	-1 ÷ 5 dB	
		outputs 9-16	-2 ÷ 3 dB	
		outputs 17-24	-3 ÷ 1 dB	
		outputs 25-32	-	-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 dB $\mu$ V	
Output level for Terr. TV (IMD3=60 dB)*	outputs 1-8		86 dB $\mu$ V	
	outputs 9-16		84 dB $\mu$ V	
	outputs 17-24		82 dB $\mu$ V	
	outputs 25-32		-	80 dB $\mu$ V
SAT inputs decoupling			≥ 30 dB	
Outputs decoupling	SAT IF		≥ 27 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 100 mA	
Control signals			14/18 V, 0/22 kHz	
Operating temperature range			-20° ÷ + 50° C	
Dimensions/Weight (packed)			227x135x50 mm/1.5 kg	267x135x50 mm/1.9 kg

\* 2 equal carriers