



5 cable system

Remotely powered multiswitches

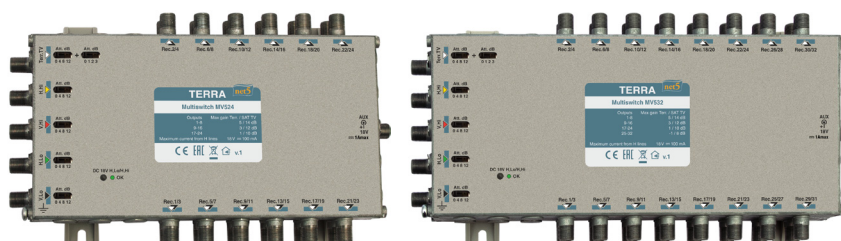
- for large installations of SAT IF distribution systems
- in line powering through H lines
- all components of 5 cable distribution system are compatible to each other
- length of the subscriber line up to 80 meters
- four positions discrete gain regulator for each SAT IF line and separate 16 positions 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 μ V			
Output level for Terr. TV (IMD3=60 dB)*		outputs 1-8		86 dB μ V		
		outputs 9-16		84 dB μ V		
		outputs 17-24		82 dB μ V		
		outputs 25-32		-	80 dB μ 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 ka		267x135x50 mm/1.9 ka	

* 2 equal carriers