



# 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 metres
- two gain regulators\* for SAT IF and separate regulators for terrestrial TV
- optimized for operation with terrestrial digital/analog signals
- active terrestrial TV path is powered 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 supply powering for LNBs and network equipment from external +18V power supply unit: recommended power supply - SA125A-1913G-S(F)



**Technical specifications**

T Y P E		MSV504	MSV508	MSV512	MSV516
<b>Ordering number</b>		01709	01710	01711	01714
<b>Number of outputs</b>		4	8	12	16
<b>Frequency range</b>	SAT IF	950-2400 MHz			
	Terr. TV	47-862 MHz			
<b>Gain (fixed slope pre-correction)</b>	SAT IF	outputs 1-4	6.5 ÷ 14 dB		
		outputs 5-8	-	5 ÷ 11 dB	
		outputs 9-12	-	3.5 ÷ 8 dB	
		outputs 13-16	-	2 ÷ 5 dB	
	Terr. TV	outputs 1-4	5 ÷ 10 dB		
		outputs 5-8	-	4 ÷ 8 dB	
		outputs 9-12	-	3 ÷ 6 dB	
		outputs 13-16	-	2 ÷ 4 dB	
<b>Gain adjustment</b>	SAT IF*	10 dB			
	Terr. TV	17 dB			
<b>Output level for SAT IF (IMD3=35 dB)</b>		93 dBµV			
<b>Output level for Terr. TV (DIN45004B)</b>	outputs 1-4	91 dBµV	91 dBµV	91 dBµV	91 dBµV
	outputs 5-8	-	89 dBµV	89 dBµV	89 dBµV
	outputs 9-12	-	-	87 dBµV	87 dBµV
	outputs 13-16	-	-	-	85 dBµV
<b>SAT inputs decoupling</b>		> 30 dB			
<b>Outputs decoupling</b>	SAT IF	> 30 dB			
	Terr. TV	> 30 dB			
<b>Current consumption from receiver</b>		< 180 mA			
<b>Current consumption from inputs H lines or from external power supply</b>		+12 V ÷ +18 V 80 mA			
<b>Control signals</b>	V/Lo, H/Lo	11.5-14.5 V/0 kHz, 16.5-19 V/0 kHz			
	V/Hi, H/Hi	11.5-14.5 V/22 kHz, 16.5-19 V/22 kHz			
<b>Operating temperature range</b>		-20° ÷ + 50° C			
<b>Dimensions/Weight (packed)</b>		130x128x53 mm/0.45 kg	170x128x53 mm/0.55 kg	210x128x53 mm/0.65 kg	250x128x53 mm/0.75 kg

\* synchronic adjustment for high and low band inputs