



# 5 cable system Radial multiswitches

- for star distribution system of 4 SAT IF polarities and terrestrial TV signal up to 16 users
- built-in power supply for remote DC feeding
- possibility to feed preamplifier through terrestrial TV input

**MSR504**

5x4 outputs multiswitch

**MSR508**

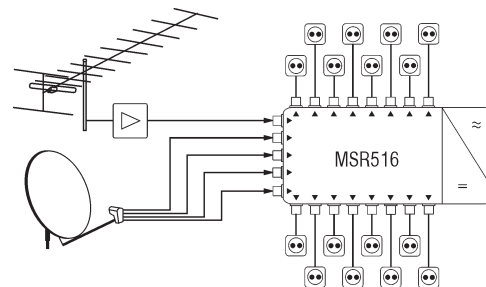
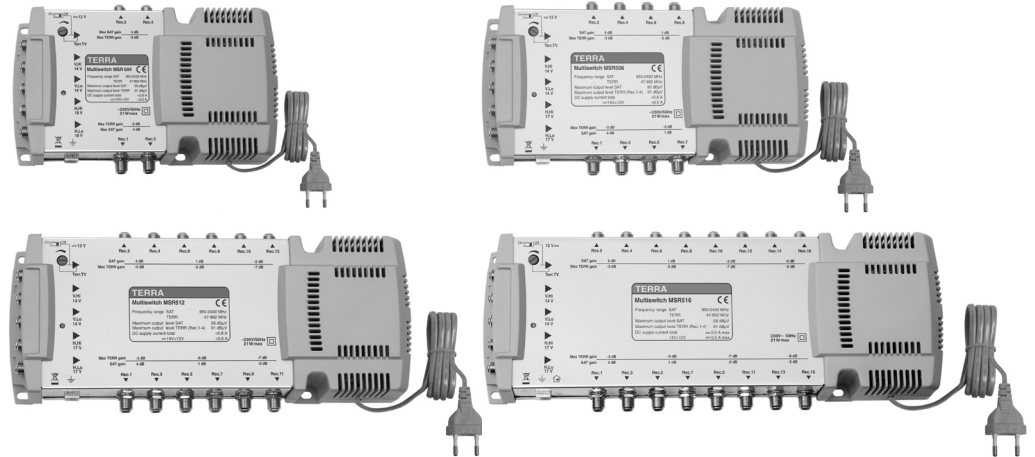
5x8 outputs multiswitch

**MSR512**

5x12 outputs multiswitch

**MSR516**

5x16 outputs multiswitch



Technical specifications

TYPE		MSR504	MSR508	MSR512	MSR516
Ordering number		01705	01706	01707	01708
Number of outputs		4	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	1 ÷ 4 dB		
		outputs 5-8	-	-1 ÷ 1 dB	
		outputs 9-12	-	-3 ÷ -2 dB	
		outputs 13-16	-	-5 ÷ -5 dB	
	Terr. TV adjustable	outputs 1-4	-7 ÷ -3 dB		
		outputs 5-8	-	-8 ÷ -5 dB	
17 dB	outputs 9-12	-	-9 ÷ -7 dB		
outputs 13-16	-	-10 ÷ -9 dB			
Output level for SAT IF (IMD3=35 dB)		93 dBµV			
Output level for Terr. TV (DIN45004B)	outputs 1-4	91 dBµV	91 dBµV	91 dBµV	91 dBµV
	outputs 5-8	-	88 dBµV	88 dBµV	88 dBµV
	outputs 9-12	-	-	86 dBµV	86 dBµV
	outputs 13-16	-	-	-	83 dBµV
SAT inputs decoupling		> 30 dB			
Outputs decoupling		> 30 dB			
Rejection	Terr. TV/SAT	≥ 30 dB			
	SAT/Terr. TV	≥ 40 dB			
Supply voltage through RF inputs		H/Lo, H/Hi - 17 V; V/Lo, V/Hi - 14 V; Terr. TV - 12 V			
DC supply current	+17V & +14V & +12V	< 0.8 A			
	+14V & +12V	< 0.5 A			
Current consumption from receiver		< 80 mA			
Control signals		14/18 V, 0/22 kHz			
Power consumption*		230V~ 50Hz 2.5 W			
Operating temperature range		-20° ÷ + 50° C			
Dimensions/Weight (packed)		200x128x53 mm/0.68 kg	230x128x53 mm/0.78 kg	270x128x53 mm/0.88 kg	310x128x53 mm/0.98 kg

\* without external DC load; with maximal load 21 W