



## 9 cable system

## Radial multiswitches

- star distribution system of 8 SAT IF polarities and terrestrial TV signal up to 16 users
- integrated LTE signal suppression filter
- built-in power supply with possibility of remote DC feeding for LNBs and preamplifier through terrestrial TV input
- gain regulators for every SAT IF input and separate 1 dB step regulator for terrestrial TV
- passive and active Terr.TV path
- die-cast housing

**MR908L**

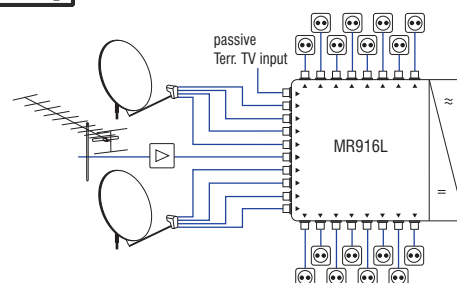
9x8 multiswitch

**MR912L**

9x12 multiswitch

**MR916L**

9x16 multiswitch



## Technical specifications

T Y P E			MR908L	MR912L	MR916L	
Ordering number			02771	02772	02773	
Number of outputs			8	12	16	
Frequency range	SAT IF		950-2400 MHz			
	Terr. TV		active 47-790 MHz; passive 5-862 MHz			
Gain (fixed slope pre-correction)	SAT IF	outputs 1-4	9 ÷ 14 dB			
		outputs 5-8	8 ÷ 12 dB			
		outputs 9-10	-	7 ÷ 10 dB		
		outputs 11-12	-	6 ÷ 8 dB	7 ÷ 10 dB	
		outputs 13-16	-	-	6 ÷ 8 dB	
	Terr. TV active	outputs 1-4	1 ÷ 5 dB			
		outputs 5-8	0.5 ÷ 4 dB			
		outputs 9-10	-	0 ÷ 3 dB		
		outputs 11-12	-	-1 ÷ 2 dB	0 ÷ 3 dB	
		outputs 13-16	-	-	-1 ÷ 2 dB	
		Terr.TV passive	outputs 1-8	28 dB		
			outputs 9-16	-	30 dB	
Gain adjustment	SAT IF		12 dB by 4 dB step			
	Terr. TV active		15 dB by 1 dB step			
Output level for SAT IF (IMD3=35 dB)*			93 dBμV			
Output level for Terr. TV (IMD3=60 dB)*		outputs 1-8	85 dBμV			
		outputs 9-12	-	83 dBμV		
		outputs 13-16	-	-	82 dBμV	
SAT inputs decoupling			> 30 dB			
Outputs decoupling			> 30 dB			
Supply voltage through RF inputs			H,Lo and H,Hi - 18 V; V,Lo and V,Hi - 14 V; Terr. TV - 12 V			
DC supply current	+18V & +14V & +12V		< 1 A			
through RF inputs	+14V & +12V		< 0.5 A			
	+12V		< 0.1 A			
Current consumption from receiver			< 60 mA			
Control signals			14/18 V, 0/22 kHz, tone burst or DiSEqC 2.0			
Power consumption**			230 V~ 50/60 Hz 4 W			
Operating temperature range			-20° ÷ + 50° C			
Dimensions/Weight (nacked)			253x135x52 mm/1.44 kg			

\* 2 equal carriers; output level by DIN45004B - add 3 dB to mentioned above value

\*\* without external DC load; with maximal load 25 W