

# Multiswitches

## 5 IN Stand-Alone Active

### MSR Series



MSR A 0508 SA



MSR A 0512 SA



MSR A 0516 SA



MSR A 0524 SA



MSR A 0532 SA

### Technical Specifications Multiswitches. MSR Series

		MSR A-0508 SA	MSR A-0512 SA	MSR A-0516 SA	MSR A-0524 SA	MSR A-0532 SA
<b>Code</b>		0930180	0930182	0930184	0930186	0930188
<b>Number of inputs</b>		4 SAT, 1 TER	4 SAT, 1 TER	4 SAT, 1 TER	4 SAT, 1 TER	4 SAT, 1 TER
<b>Subscriber outputs</b>		8	12	16	24	32
<b>Connectors (F-con)</b>		female	female	female	female	female
<b>Frequency range (MHz)</b>	<b>SAT</b>	950-2200	950-2200	950-2200	950-2200	950-2200
	<b>TER</b>	47-862	47-862	47-862	47-862	47-862
<b>Gain</b>	<b>SAT</b>	5 ±1.5 dB	5 ±1.5 dB	5 ±1.5 dB	2 ±1.5 dB	2 ±1.5 dB
	<b>TER</b>	7 ±1.5 dB	7 ±1.5 dB	7 ±1.5 dB	7 ±1.5 dB	7 ±1.5 dB
<b>Isolation</b>	<b>TER to SAT</b>	≥ 30 dB	≥ 30 dB	≥ 30 dB	≥ 30 dB	≥ 30 dB
	<b>SAT to TER</b>	≥ 28 dB	≥ 28 dB	≥ 28 dB	≥ 28 dB	≥ 28 dB
<b>Isolation cross polarisation H/V</b>		≥ 25 dB	≥ 25 dB	≥ 25 dB	≥ 25 dB	≥ 25 dB
<b>Isolation</b>	<b>out - out TER</b>	≥ 28 dB	≥ 28 dB	≥ 28 dB	≥ 28 dB	≥ 28 dB
	<b>out - out SAT</b>	≥ 35 dB	≥ 35 dB	≥ 35 dB	≥ 35 dB	≥ 35 dB
<b>Return loss</b>	<b>SAT inputs</b>	≥ 11 dB	≥ 11 dB	≥ 11 dB	≥ 10 dB	≥ 10 dB
	<b>SAT outputs</b>	≥ 9 dB	≥ 9 dB	≥ 9 dB	≥ 8 dB	≥ 8 dB
	<b>TER inputs</b>	≥ 11 dB	≥ 11 dB	≥ 11 dB	≥ 10 dB	≥ 10 dB
	<b>TER outputs</b>	≥ 9 dB	≥ 9 dB	≥ 9 dB	≥ 8 dB	≥ 8 dB
<b>Output level</b>	<b>SAT (IMD<sub>3</sub> - 35 dB)</b>	100 dBμV	100 dBμV	100 dBμV	100 dBμV	100 dBμV
	<b>TER (IMD<sub>3</sub> - 60 dB)</b>	85 dBμV	85 dBμV	85 dBμV	85 dBμV	85 dBμV
<b>Impedance input/output</b>		75 Ohm	75 Ohm	75 Ohm	75 Ohm	75 Ohm
<b>Switching (VDC)</b>		13V/18V / 13V/22 kHz / 18V/22 kHz				
<b>Max current to LNB</b>		13 VDC: 400 mA / 18 VDC: 1000 mA				
<b>Mains</b>		~230V ± 15%, 50/60Hz, 3W				
<b>Operation temperature</b>		- 10°C / 50°C				
<b>Dimensions</b>		248x129x64 mm	288x129x64 mm	328x129x64 mm	408x129x64 mm	488x129x64 mm