

SM & SMC

Stand Alone & Cascadable Multiswitch Equipments

Individual or collective TV installations, terrestrial and satellite



SM. Stand Alone Multiswitches

SMC. Cascadable Multiswitches



4, 8 or 16 Sat-IF polarizations plus Terrestrial to 4, 8, 12 or 16 users



A single model for all levels (depending of number of input)



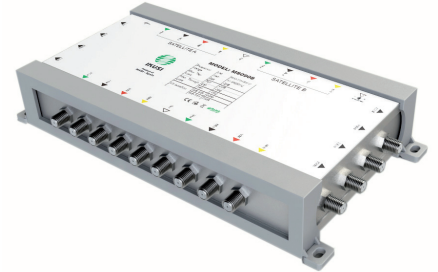
Star distribution



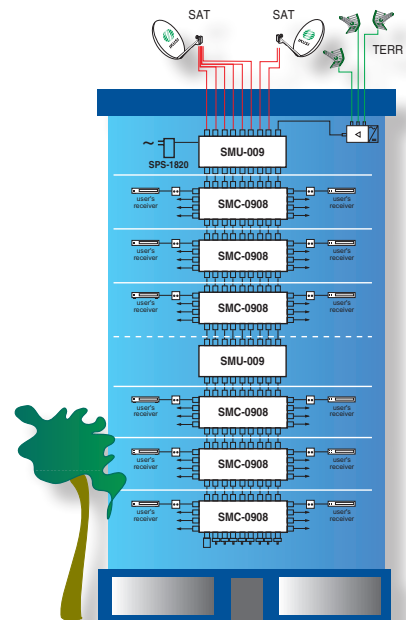
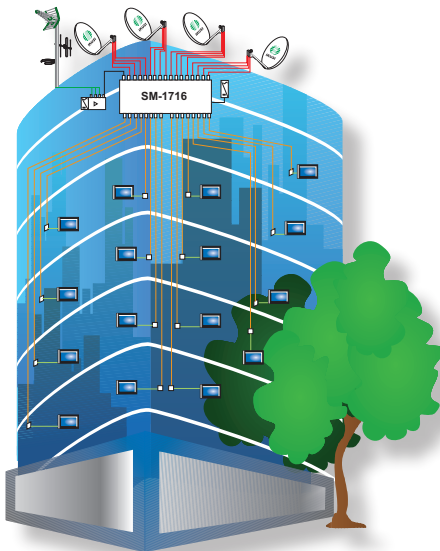
External power supply



Input control gain



Application Examples



Technical Specifications

STAND ALONE MULTISWITCHES

Model			SM-0504	SM-0508	SM-0512	SM-0516	SM-0904	SM-0908	SM-0912	SM-0916	SM-1708	SM-1712	SM-1716	
Ref.			3274	3275	3276	3277	3278	3279	3280	3281	3282	3283	3284	
Frequency Range	SAT TERR	MHz	950 - 2150	950 - 2150	950 - 2150	950 - 2150	950 - 2150	950 - 2150	950 - 2150	950 - 2150	950 - 2150	950 - 2150	950 - 2150	
			47 - 862	47 - 862	47 - 862	47 - 862	47 - 862	47 - 862	47 - 862	47 - 862	47 - 862	47 - 862	47 - 862	47 - 862
Line Inputs			4 Sat+1TV	4 Sat+1TV	4 Sat+1TV	4 Sat+1TV	8 Sat+1TV	8 Sat+1TV	8 Sat+1TV	8 Sat+1TV	16 Sat+1TV	16 Sat+1TV	16 Sat+1TV	
Tap outputs			4	8	12	16	4	8	12	16	8	12	16	
Adjusting Range (attenuation)	SAT TERR	dB	0-20				0-20				0-20			
			0-20				0-20				0-20			
Tap loss	SAT TERR	dB	2 (±2.5)	1 (±2.5)	0 (±2.5)	0 (±2.5)	0 (±2.5)	0 (±2.5)	1 (±2.5)	1 (±2.5)	1 (±2.5)	1 (±2.5)	1 (±2.5)	
			1 (±2.5)	1 (±2.5)	0 (±2.5)	1 (±2.5)	1 (±2.5)	0 (±2.5)	1 (±2.5)	0 (±2.5)	0 (±2.5)	0 (±2.5)	0 (±2.5)	0 (±2.5)
I/O Isolation	SAT-SAT SAT-TER	dB	30				30				30			
			25				25				25			
Line I/O Return loss	SAT TERR	dB	8				8				8			
			8				8				8			
Output level	SAT TERR	dB μ V	95				95				95			
			85				85				85			
Max Consumption			mA	50	50	70	70	70	70	70	70	70	70	
Line and Tap connector type			F hembra				F hembra				F hembra			
Operating temperature			-20 ... +60				-20 ... +60				-20 ... +60			
Dimensions			mm	97x183x45	141x183x45	185x183x45	229x183x45	97x255x45	141x255x45	185x255x45	229x255x45	136x401x45	224x401x45	224x401x45

CASCADABLE MULTISWITCHES

Model			SMC-0904	SMC-0908	SMC-0916	SMC-1708	SMC-1716	
Ref.			3268	3269	3270	3272	3273	
Frequency Range	SAT TERR	MHz	950 - 2150					
			47 - 862					
Line Inputs			8 Sat+1TV			16 Sat+1TV		
Trunk Output			8 Sat+1TV			16 Sat+1TV		
Tap Outputs			4	8	16	8	16	
Trunk Loss/Gain	SAT TERR	dB	-2 (±1)	-2.5 (±1)	-3.5 (±1)	-2.5 (±1)	-3.5 (±1)	
			-2 (±1)	-2 (±1)	-3 (±1)	-2 (±1)	-3 (±1)	
Adjusting Range (attenuation)	SAT TERR	dB	—				—	
			—				—	
Tap loss	SAT TERR	dB	0 (±2.5)	0 (±2.5)	0 (±2.5)	1 (±2.5)	1 (±2.5)	
			1 (±2.5)	1 (±2.5)	0 (±2.5)	0 (±2.5)	0 (±2.5)	
I/O Isolation	SAT-SAT SAT-TER	dB	30			30		
			25			25		
Line I/O Return loss	SAT TERR	dB	8			8		
			8			8		
Output level	SAT TERR	dB μ V	95			95		
			85			85		
Max Consumption			mA			70		
Connectors type			F female			F female		
Operating temperature			-20 ... +60			-20 ... +60		
Dimensions			mm	105x255x45	149x255x45	237x255x45	144x401x45	232x401x45

AMPLIFIERS

SMU-009		SMU-017	
3285		3286	
950 - 2150			
47 - 862			
8 Sat+1TV		16 Sat+1TV	
—			
+20 ... +30			
+3 ... +18			
0-20			
0-20			
—			
—			
30			
25			
8			
8			
110			
105			
350		700	
F female			
-20 ... +60			
149x255x45		144x401x45	

Note: SM Stand-alone multiswitches and SMU amplifiers are provided with power supply.

SMC Cascadable multiswitches don't need it, since they are powered through the descendants or users' receivers.

POWER SUPPLY UNIT

Model		SPS-1820
Ref.		3287
Mains voltage		90-240 VAC 50/60 Hz
Output voltage / current		18 VDC / 2A
Dimensions (mm)		89.5x40x28



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HEADQUARTER

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