

Basic Information

Location

- Place the multiswitch/amplifier indoors. Do not expose it to rain or direct solar radiation. Fix it to the wall by using suitable screws.
- Ensure a free space of 20 cm (7.8 inch) on each side of the unit and of at least 50 cm (19.7 inch) upwards.
- Choose an installation place where it is possible to get to remove the mains plug in case of emergency if an external AC/DC power adapter is in use.

Safety

- Do not open the multiswitch/amplifier; otherwise there is a shock hazard.
- Ensure a good earthing of the aerials and aerial feeds.

Power Supply Unit

- Model: SPS-1820 Input: 90-240VAC 50/60Hz
- Ref: 3287 Output: 18VDC 2A

Technical Specifications

Connections

- Take care not to make short circuits when mounting the F-c connectors on the cables.
- Identify the down-lead cables from the LNB. Then interconnect the input marked 12V to the LNB output Vertical. Interconnect the input marked 18V to the LNB output Horizontal. Interconnect the input marked 0kHz to the LNB output Low. Interconnect the input marked 22kHz to the LNB output High.
- Before connecting the input and output coaxial cables, disconnect the multiswitch/amplifier, the receivers and TV sets from the mains.
- 5.5 x 2.1mm DC plug available for ext. AC/DC power supply input for cascadable one. (to source LNBS and line AMPs via main trunk)

Model	SMC-0904	SMC-0908	SMC-0916	SM-0904	SM-0908	SM-0912	SM-0916	SMU-009	
Ref.	3268	3269	3270	3278	3279	3280	3281	3285	
Type	Cascadable			Standalone					
Frequency Range	950-2150			950-2150					
	47-862			47-862					
Line Inputs	8SAT+1TV			8SAT+1TV					
Trunk Outputs	8SAT+1TV			NA					
Tap Outputs	4	8	16	4	8	12	16	NA	
Trunk Loss / Gain	SAT	-1.5 ... -2.5	-2 ... -3	-2.5 ... -4.8	NA				+20/27 / +20 ... +25 (slope)
	TERR	-2 ... -2.5	-2 ... -3	-3 ... -4	NA				+18/22 / +3 ... +16 (slope)
Adjusting Range (attenuation)	SAT	NA			20				15
	TERR	NA			20				15
Tap Loss	SAT	-2 ... +4	-3 ... +3	-2 ... +4	-3 ... +3	-3 ... +3	-3 ... +3	NA	
	TERR	-2 ... +4	-3 ... +3	-2 ... +4	-3 ... +3	-3 ... +3	-3 ... +3	NA	
I/O Isolation	SAT-SAT	30			30				30
	SAT-TERR	25			25				25
Line I/O Return Loss	SAT	8			8				8
	TERR	8			8				8
Output Level	SAT	95			95				110
	TERR	85			85				105
Power Input Port Type (18VDC)	5.5 x 2.1			5.5 x 2.1				5.5 x 2.1	
Maximum consumption	70			70				350	
Maximum current to the LNB	600			600				600	
Maximum Current Pass Per Trunk	300			NA				300	
Line and Tap connector Type	Female F			Female F				Female F	
Operating Temperature	-20 ... +60			-20 ... +60				-20 ... +60	