

Cascadable Multiswitch

SMS 9949 NF

Light-Class

As standalone switch for 4 subscribers, for extension with SMK 99x9 F (page 19), as post amplifier or as end of line multiswitch to terminate the cascadable system.

Features:

- 8 SAT-IF inputs and 1 passive terrestrial input, 4 receiver outputs and 9 trunkline outputs
- Integrated energy-saving switching power supply U~: 100 ... 240 V / 50 ... 60 Hz

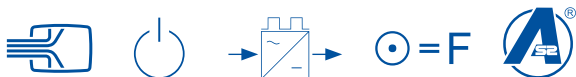
Terrestrial:

- Return path compatible

SAT-IF:

- Standby mode
- Standby mode, even with cascaded extension SMK 99x9 F, activation via trunkline
- A special amplifier / filter design improves the intermodulation properties of the multiswitch considerably
- The multiswitch support DiSEqC 2.0. Bidirectional communication between receiver and multiswitch is possible

passive
5 ... 862 MHz 8x 950 ... 2200 MHz



9 DC-decoupled terminating resistors are shipped with the SMS 9949 NF. **ZFR 75 DC/Set** (Art.No.: 871511) page 106



Model Art. No.	SMS 9949 NF 842381	
Inputs / Outputs SAT / Terr.	9 / 9 +4 8 / 1	
Outputs / Subscribers	4	
Tap loss Terr.: 5 ... 862 MHz	13 ... 17 dB	
Tap gain SAT: 950 ... 2200 MHz	-6 ... 2 dB	
Loss Trunklines Terr.: 5 ... 862 MHz	3,5 ... 4,5 dB	
Gain Trunklines SAT-IF: 950 ... 2200 MHz	11 ... 14 dB	
Noise figure SAT	5,5 dB	
Max. output level 950 ... 2200 MHz 35 dB IMA ₂ / EN 50083-3	106 dBμV	
Max. output level 950 ... 2200 MHz 35 dB IMA ₃ / EN 50083-3	106 dBμV	
Rejection	Terr. / SAT	> 30 dB
	SAT / Terr.	> 26 dB
Isolation Trunk / Trunk	> 26 dB	
Isolation Receiver / Receiver	> 30 dB	
Mains power supply U~	100 ... 240 V / 50 ... 60 Hz	
Power consumption	15,5 W	
Power consumption Standby (only SMS 9949 NF)	1,5 W	
Power consumption Standby (cascaded)	1,5 W	
LNB remote current	12 / 500 mA	
Single port current	12 / 500 mA	
Current consumption from Receiver	25 mA	
Ambient temperature	-20 ... +50 °C	
Dimensions (mm)	340 x 211 x 52	