

Compact Multiswitch 2 in 4, 8

SMS 241 F, SMS 287 F

SAT IF



Model Art. No.	SMS 287 F 842341	SMS 241 F 842339
EAN	4040326423417	4040326423394
Inputs	2	
Outputs / Subscribers	8	4
Through gain: SAT IF: 950 ... 2200 MHz	0 ... 3 dB	-
Through loss: SAT IF: 950 ... 2200 MHz	-	2 ... 3 dB
Output level max. 35 dB IMA ₃ / EN 60728-3	98 dB μ V	
Isolation Receiver / receiver	≥ 26 dB	
Noise figure	7 dB	
Current consumption	-	75 mA
Current consumption from each receiver	75 mA	-
Capacity (IF ports) max.	500 mA	
Ambient temperature	-20 ... +50 °C	
Dimensions (mm)	90 x 139 x 38	90 x 105 x 38

For 4 and 8 subscribers.

- Remote powered by the satellite receiver
- Compact multiswitches for distribution of 2 SAT IF for 4 or 8 subscribers. The IF polarity selection is controlled by the remote voltage, < 14 V \cong vert. / > 16 V \cong hor. provided by the receiver

Tech-Hint

In case that there is no mains connection at the mounting place, or multi-dwelling projects own no operating cost-counter, a receiver feeded multiswitch is the best choice. When using receiver feeded multiswitch-systems, it is important to make sure that there is sufficient feeding voltage for the current consumption of the multiswitch and the LNBS of the external unit.

This applies especially to PC-Cards for satellite reception. Please adhere to the corresponding data of the devices. The overload of a power supply can have a negative impact on the durability of the receiver.

The receiver-powered UniSystem multiswitches are remote powered via the coaxial cable. The power supply is also used to supply the LNBS.



Universal AC Adapter
SNG 18/1000 (Art. No.: 832114)
in combination with Line Power
Injection Filter FSW 30 F (Art.
No.: 815018)

Compact Multiswitch 3 in 8

SMS 382 F



For 8 subscribers.

Features:

- Remote powered by satellite receiver
- The SAT IF polarity selection is controlled by the remote voltage, < 14 V \cong vert. / > 16 V \cong hor. provided by the receiver

Terrestrial:

- Return path compatible

SAT IF:

- A special amplifier / filter design improves the intermodulation properties of the multiswitch considerably

Model Art. No.	SMS 382 F 842412	
EAN	4040326424124	
Frequency range	5 ... 862 MHz and 950 ... 2200 MHz	
Inputs SAT / terrestrial	3 2 / 1	
Outputs / subscribers	8	
Through loss terrestrial	16 ... 19 dB	
Through loss SAT	3 ... 0 dB	
Noise figure SAT	6 dB	
Output level max. 950 ... 2200 MHz 35 dB IMA ₃ / EN 60728-3	92 dB μ V	
Output level max. 950 ... 2200 MHz 35 dB IMA ₂ / EN 60728-3	90 dB μ V	
Rejection	Terrestrial / SAT	> 30 dB
	SAT / terrestrial	> 30 dB
Isolation receiver / receiver	\geq 26 dB	
Current consumption	140 mA	
Capacity (IF ports) max.	400 mA	
Mains power supply V-	-	
Power consumption Terrestrial passive / SAT active	-	
Power consumption Terrestrial passive / SAT standby	-	
LNB remote current	-	
Ambient temperature	-20 ... +50 °C	
Dimensions (mm)	145 x 130 x 39	