

UniSystem - Flexible Multiswitch System

SMS 5549 U, SMS 5589 U

For 4 ... 16 SAT-IF signals.

The remote powered multiswitches SMS 5549 U and SMS 5589 U are cascadable with one master input and output for the passive terrestrial, four master inputs and outputs for the SAT-IF signals and four receiver outputs.

Particular features:

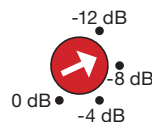
- After the SAT signal has been decoupled by stripline directional couplers, it is amplified for each receiver output, which produces a tap loss of 3 ... +1 dB

Possible applications:

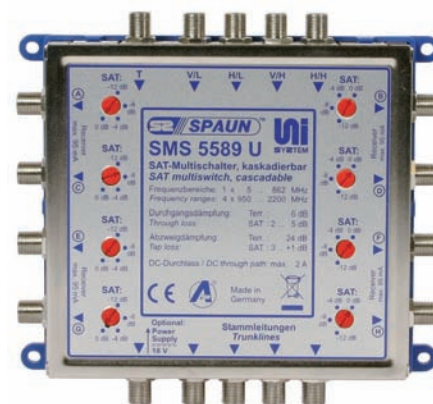
- As a single multiswitch for 4 SAT-IF signals
- In „piggy-back“ mode in conjunction with a multi-switch relay extensible for 8, 12 or 16 SAT-IF signals. In addition to the wall mounting frame, the „piggy-back“ assembly also includes an adapter frame in delivery
- The master outputs also facilitate cascading, so that the number of receivers can be increased. Without amplifying the signal, it is possible (depending on cable quality and length) to feed up to 24 receivers

passive

5 ... 862 MHz 4x 950 ... 2200 MHz



Each receiver output has integrated switchable level shifting. (except SMS 5587 U)



The multiswitch is shipped with 5 DC-decoupled terminating resistors to terminate the trunklines. **ZFR 75 DC** (Art. No.: 871511)



Optional: **Remote power supply**
SN 18/600 (Art. No.: 871511) or
SNG 18/1000 (Art. No.: 832114)
Switching power supply
U~: 100 ... 240 / 50 ... 60 Hz

Model Art. No.	SMS 5549 U 842427	SM 5589 U 842429
Inputs SAT / Terrestrial	5	4 / 1
Outputs / Receivers	4	8
Through loss Terr.	4,5	6 dB
Through loss SAT	1 ... 2 dB	2 ... 5 dB
Tap loss Terr.	16,5	24 dB
Tap gain SAT	-3 ... 1 dB	
Max. Input level SAT	85 dBμV	
Max. Output level SAT A ... H	86 dBμV	
max. Current from receiver	max. 95 mA	
DC through path per trunkline	2 A	
Ambient temperature	-20 ... +50 °C	
Dimensions (mm)	160 x 95 x 32	160 x 146 x 32