

Cascadable Multiswitch (passive) 5 in 8, 12, 16, 24

SAT IF



SMK 5583 F, SMK 55123 F SMK 55163 F, SMK 55243 F

For 8, 12, 16 or 24 subscribers.

- Return path compatible.
- The SAT IF polarity selection is controlled by remote voltage, < 14 V \cong Vert./> 16 V \cong Hor. and the 22 kHz tone provided by the receiver.
- Standby control on trunk line 1.

! Only useable in combination with launch amplifier **SBK 55xx NFx**.

Model Art. No.	SMK 5583 F 842491	SMK 55123 F 842492	SMK 55163 F 842493	SMK 55243 F 842494
EAN	4040326424919	4040326424926	4040326424933	4040326424940
Inputs/outputs SAT/terrestrial	5/5 4/1			
Subscriber outputs	8	12	16	24
Through loss terrestrial	5 dB	5 dB	5 dB	5 dB
Through loss SAT	1,5...2,5 dB	1 ... 4 dB	2... 6 dB	2 ... 7 dB
Tap loss terrestrial	20 dB	25 ... 23 dB	24... 25 dB	29 ... 27 dB
Tap loss SAT	21 ... 18 dB	20... 18 dB	20 ... 17 dB	22... 19 dB
Switching isolation	typ. 30 dB			
Isolation trunk /trunk	typ. 30 dB			
Isolation receiver /receiver	typ. 30 dB			
Current per trunk line 0; 2; 3 and 4	1 A			
Current consumption for each receiver max.	20 mA			
Ambient temperature	-20... +50 °C			
Dimensions (mm)	145 x 130 x 40	185 x 130 x 40	225 x 130 x 40	305 x 130 x 40

Cascadable Multiswitch (active) 5 in 8, 12, 16, 24



Stand - alone capable

Optional:

Universal AC Adapter

→ SNG 18/1000 (Art. No.: 832114)

Wall power supply

U~: 100...240/47-63 Hz



Maximum trunk line input level of the active cascade is 83...77 dB μ V.

SMK 5583 FA, SMK 55123 FA SMK 55163 FA, SMK 55243 FA

For 8, 12, 16 or 24 subscribers.

- SAT IF signals amplified.
- Terrestrial (85...862 MHz) signals amplified.
- Return path (5...65 MHz) passive.
- The SAT IF polarity selection is controlled by remote voltage, < 14V \cong Vert./> 16V \cong Hor. and the 22 kHz tone provided by the receiver.
- The devices have a DC jack for remote power, if the launch amplifier would not provide remote power voltage.
- LED operation display.
- The supply of the active terrestrial is possible via trunk line 0 (18V/90 mA), from the launch amplifier or the optional wall power supply (SNG 18/1000).

Model Art. No.	SMK 5583 FA 842486	SMK 55123 FA 842418	SMK 55163 FA 842419	SMK 55243 FA 842487
EAN	4040326424865	4040326424186	4040326424193	4040326424872
Inputs/outputs SAT/terrestrial	5/5 4/1			
Subscribers outputs	8	12	16	24
Through loss terrestrial	5 dB	5 dB	4...5 dB	4...5 dB
Through loss SAT	1,5...2,5 dB	1,5...3,5 dB	2...5 dB	3...7,5 dB
Tap loss terrestrial 5...65 MHz	20 dB	24 dB	24 dB	28 dB
Tap loss terrestrial 85...862 MHz	4...3 dB	9...6 dB	7...5 dB	11...9 dB
Tap gain SAT 950...2200 MHz	0...6 dB	1,5...5 dB	1...6 dB	1...4 dB
Output level max. terrestrial 85...862 MHz 60 dB IMA ₃ /EN 60728-3	92 dB μ V	90 dB μ V	88 dB μ V	86 dB μ V
Output level max. SAT 950...2200 MHz 35 dB IMA ₃ /EN 60728-3	95 dB μ V	95 dB μ V	95 dB μ V	95 dB μ V
Switching isolation	typ. 30 dB			
Isolation trunk /trunk	typ. 30 dB			
Isolation receiver /receiver	typ. 30 dB			
Current per trunk line 0; 2; 3 and 4	1 A			
Current consumption for each receiver max.	75 mA			
Ambient temperature	-20...+50 °C			
Dimensions (mm)	145 x 130 x 40	185 x 130 x 40	225 x 130 x 40	305 x 130 x 40