

Cascadable Multiswitch (active) 5 in 4, 8, 12, 16, 24

SMK 5543 FA, SMK 5583 FA, SMK 55123 FA, SMK 55163 FA, SMK 55243 FA



For 4, 8, 12, 16 or 24 subscribers.

- Return path compatible
- The SAT IF polarity selection is controlled by remote voltage, <math>< 14\text{ V}</math> \cong vert. / > 16 V \cong hor. and the 22 kHz tone provided by the receiver
- Ground clamp
- Active Terrestrial in the range between 85 ... 862 MHz
- Active SAT IF stage
- SMK 5583 FA, SMK 55123 FA, SMK 55163 FA, SMK 55243 FA have a DC jack for remote power, if the Launch Amplifier would not provide remote power voltage
- LED operation display (not on SMK 5543 FA)
- The supply of the active terrestrial via trunkline 0 (18 V / 90 mA), from the launch amplifier or the optional remote power supply

Optional:
 Universal AC Adapter
SNG 18/1000 (Art. No.: 832114)
 Switch-mode power supply
 V-: 100 ... 240 / 47 - 63 Hz



Model Art. No.	SMK 5543 FA 842484	SMK 5583 FA 842486	SMK 55123 FA 842418	SMK 55163 FA 842419	SMK 55243 FA 842487
EAN	4040326424841	40403264248652	4040326424186	4040326424193	4040326424872
Inputs / outputs SAT / terrestrial	5 / 5 4 / 1				
Outputs / subscribers	4	8	12	16	24
Through loss terrestrial	4 dB	5 dB	6 ... 5 dB	6 ... 5 dB	6 ... 5 dB
Through loss SAT	1 ... 1,5 dB	1 ... 2,5 dB	1,5 ... 3,5 dB	2 ... 5 dB	3 ... 7,5 dB
Tap loss terrestrial 5 ... 65 MHz	20 ... 21 dB	21 ... 22 dB	22 ... 23 dB	26 ... 27 dB	27 ... 28 dB
Tap loss terrestrial 85 ... 862 MHz	6 ... 3 dB	5 ... 4 dB	5 ... 3 dB	10 ... 6 dB	10 ... 6 dB
Tap gain SAT 950 ... 2200 MHz	2 ... 7 dB	0 ... 6 dB	0 ... 6 dB	0 ... 6 dB	0 ... 6 dB
Output level max. Terrestrial 85...862 MHz 60 dB IMA ₃ / EN 60728-3	92 dB μ V	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	95 dB μ V
Switching isolation	\geq 30 dB				
Isolation trunkline / trunkline	$>$ 30 dB				
Isolation receiver / receiver	\geq 30 dB				
DC-pass max. Trunkline 0; 2; 3 and 4	1 A				
Current consumption for each receiver max.	75 mA				
Ambient temperature	-20 ... +50 °C				
Dimensions (mm)	90 x 140 x40	145 x 130 x 40	185 x 130 x 40	225 x 130 x 40	305 x 130 x 40