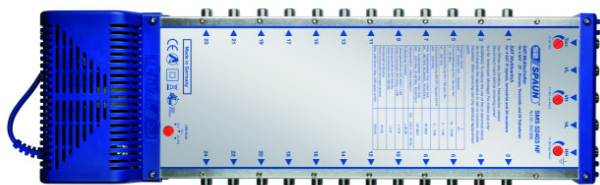


5 Wire Compact Multiswitches



Premium range

The new SMS5xx03NF range of multiswitches replaced SMS5xx02NF range which was the benchmark against which all other multiswitches are compared. With premium design features and the use of ultra slim housing the SMS design has long been the first choice for broadcasters and industry professionals alike.

SMS5xx03NF range features new design with inputs on the side of the switch, better filtering performance and two new multiswitches – SMS52003NF for 20 users and SMS52403NF for 24!

The SMS5xx03NF multiswitches have an energy saving switch mode power supply and supports standby logic. The satellite IF amplifiers and the remote voltage to power an LNB are only active when at least on receiver is connected.

This compact switch has the option of either active or passive terrestrial and can be used stand-alone or at the end of a cascade system to add extra outlets.

- On-board attenuators allow levelling of input signals.
- Satellite amplifiers have pre-emphasised response
- Return path compatible with terrestrial passive mode.
- LNB voltage selectable.
- Highly selective filters at the inputs to ensure interference products cannot overload amplifiers.
- InGaP Push-Pull terrestrial output stage for multi-channel operation.
- Lower power consumption.

Technical Data	SMS5603NF	SMS5803NF	SMS51203NF	SMS51603NF	SMS52003NF	SMS52403NF
Inputs Sat/Terr.	5 4/1					
Outputs/Subscribers	6	8	12	16	20	24
Frequency Ranges Terrestrial Passive Terrestrial Active SAT IF	5 – 862MHz 47 – 862MHz 950 – 2200MHz					
Variable Attenuator Terrestrial SAT IF:	0...12dB 0...12dB for High and Low bands					
Gain Terrestrial Passive Terrestrial Active SAT IF	-16...-19dB 10...12dB 6...12 dB	-16...-19dB 10...12dB 6...12 dB	-18...-22dB 9...11dB 4...10 dB	-21...-23dB 8...10dB 3...9dB	-22...-24dB 7...9dB 2...8dB	-26...-28dB 4...6dB 0...6dB
Max Output Terrestrial - 60dB IMA ³ SAT IF – 35dB IMA ³	93dB μ V 108dB μ V	92dB μ V 108dB μ V	90dB μ V 106dB μ V	88dB μ V 105dB μ V	86dB μ V 104dB μ V	84dB μ V 102dB μ V
Rejection SAT IF/Terr Terr./SAT	>45dB >40dB					
Noise Figures Terrestrial SAT IF	<7dB <9dB					
Switching Isolation	>35dB					
Isolation Rec / Rec Terrestrial Rec / Rec Satellite	>32dB >35dB					
LNB remote current	500mA max.					
Power Consumption:	10W					
Dimensions (HxWxD)	238x130x56	258x130x56	298x130x56	338x130x56	378x130x56	418x130x56