

SMW Switches



Switches with N- or F-connectors

Swedish Microwave AB offers three different switches and can be supplied either with N- or F-connectors:

- SMW ISA

An LNB switch activated by switching the 13/18 Volts power supply.

- SMW ISB

An LNB switch activated by switching the 0/5-12 Volts power supply via a separate cable.

- SMW ISC

An LNB switch activated by switching the 0/22 kHz tone.

All units are individually hand tuned to get the very best performance available for each unit. Quality and long term reliability is also essential.

Swedish Microwave was founded 1986 and, within Europe, is the oldest manufacturer of LNBs. In the standard product range we have DRO-LNBs, PLL-LNBs, LNAs, Block Downconverters (BDC), Up- & Down Converters, Quattro LNBs, Twin LNBs, Ortho mode transducers (OMT), Line Amplifiers and Feed horns.

Swedish Microwave is today one of the leading manufacturers of microwave components needed for satellite receiving equipment and other industrial products.

Specification SMW Switches

SMW	ISA	ISB	ISC
Frequency range	950 - 2150 MHz	950 - 2150 MHz	950 - 2150 MHz
VSWR input	1.7:1	1.7:1	1.7:1
VSWR output	1.4:1	1.4:1	1.4:1
Insertion loss	3 dB	3 dB	3 dB
Isolation input/output	35 dB	35 dB	35 dB
Isolation input 1/input 2	35 dB	35 dB	35 dB
Switching	13/18 V via coax separate cable	0/5-12 V via	0/22 kHz +/- 4 kHz
Amplitude voltage			0.6 +/- 0.2 V
Duty cycle			40-60 %
Connectors(water proof)	F-type 75 ohm or N-type 50 ohm	F-type 75 ohm or N-type 50 ohm	F-type 75 ohm or N-type 50 ohm
Current consumption	50 mA max	50 mA max	50 mA max
Material	Diecast aluminium	Diecast aluminium	Diecast aluminium
Finish	Powder coat	Powder coat	Powder coat
Temperature range	-30 to +60° C	-30 to +60° C	-30 to +60° C
Weight	300 g (F) / 360 g (N)	300 g (F) / 360 g (N)	300 g (F) / 360 g (N)

