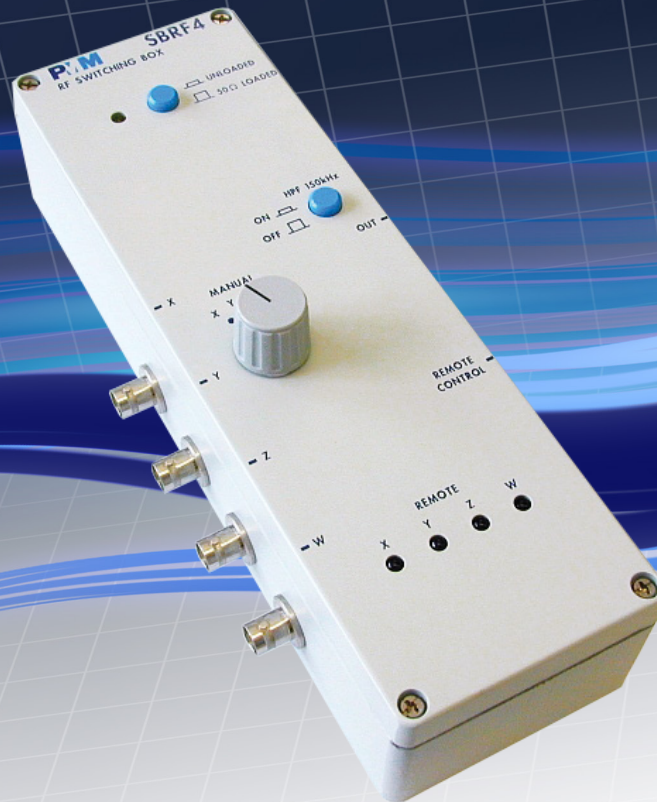


SBRF4

RF Switching Box



Provided Features

- Automatic switching of LISN of any kind and brand and LLA (large Loop Antenna) in conjunction with PMM's receivers
- Manual switching of RF sources
- Operates with any receiver or spectrum analyzer

Main Features

- DC to 108 MHz frequency range
- Four low-loss channels
- Selectable internal 50 Ohm terminations
- Selectable 150 kHz High-pass filter
- Powered from receiver's interface
- LED indicators of the selected input
- Robust and compact

SBRF4 is a versatile RF switching box particularly suitable for scanning in automatic mode, when driven by PMM EMI receivers, multi-channel ancillaries as the LLA (Large Loop Antenna) and the conducted immunity set-ups with up to four single-line AMN (LISN).

The internal, selectable 50 Ohm terminations comply with the requirements of those devices that must not remain unterminated on the unselected channels.

The selectable 150 kHz high-pass filter is very useful to cut off unwanted noise from the A-band (9 to 150 kHz) when performing conducted disturbances tests in the B-band (150 kHz to 30 MHz).

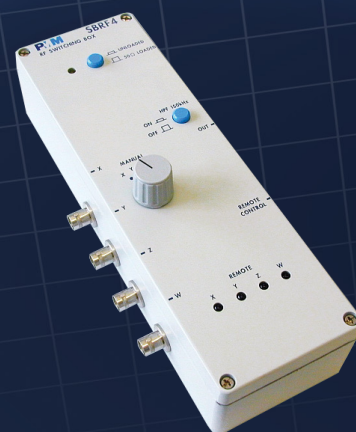
The manual mode also allows for using the SBRF4 RF switch in conjunction with any receiver or spectrum analyzer other than PMM.

SBRF4

RF Switching Box

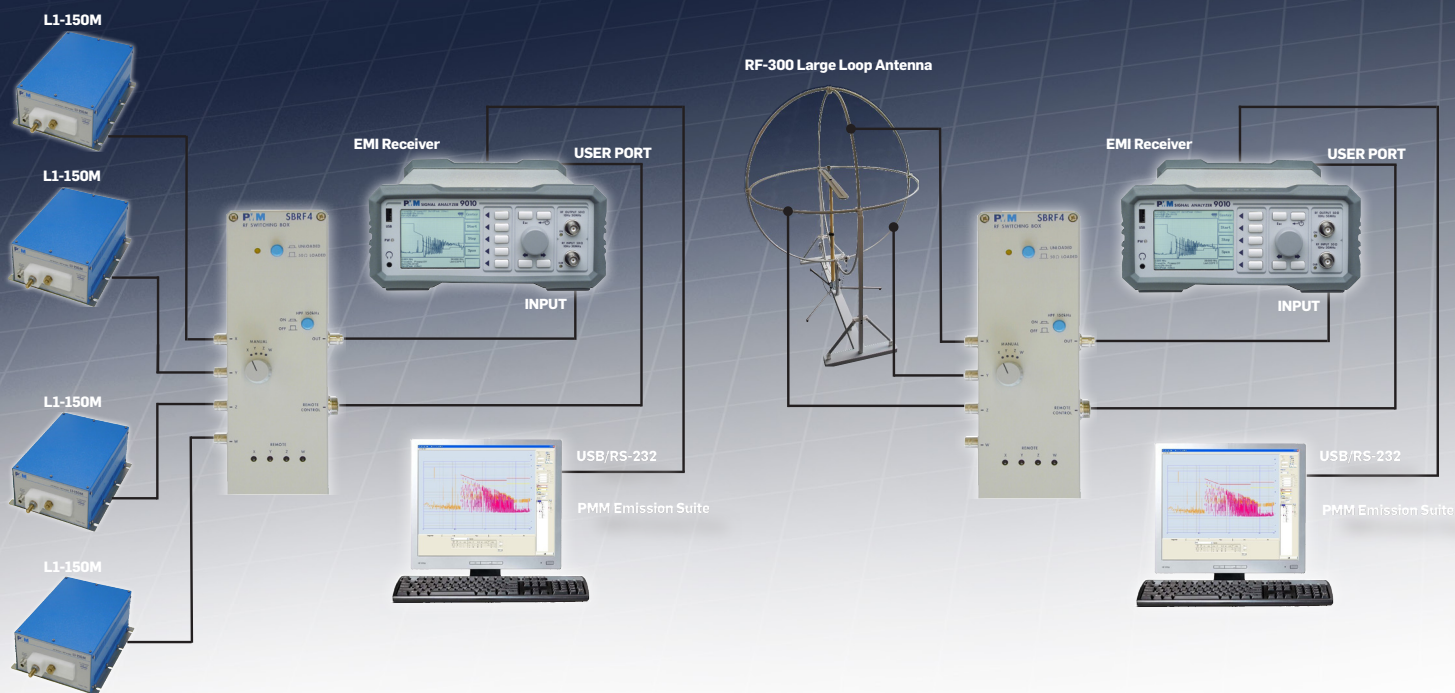
SPECIFICATIONS

Frequency range	DC to 108 MHz
Max. input level	+27 dBm
Insertion loss	0,75 dB @ 108 MHz Typical without High Pass Filter
Compatibility	with all Artificial Mains Networks and Large Loop Antennas
Supply	from Remote Control Input (10-15 Vdc 100 mA max.)
RF Output	50 Ω, BNC female
RF Input	50 Ω, BNC female
Remote Control	Remote control connector for PMM EMI Receivers
Operating temperature	-10 °C to +50 °C
Storage temperature	-20 °C to +70 °C
Dimensions (W x H x D)	80 x 41,5 x 250 mm
Weight	950 g



Ordering Information:

SBRF4 RF Switching Box
Includes: Operating Manual, Control Cable, BNC RF Cable, Calibration Certificate



Related Products

Receivers

- 7010/00: EMI receiver 150 kHz to 1 GHz
- 7010/01: EMI receiver 9 kHz to 1 GHz
- 7010/02: EMI receiver 9 kHz to 30 MHz
- 7010/03: EMI receiver 9 kHz to 3 GHz
- 9010: EMI receiver 10 Hz to 30 MHz
- 9010F: EMI receiver 10 Hz to 30 MHz
- 9010/03P: EMI receiver 10 Hz to 300 MHz
- 9010/30P: EMI receiver 10 Hz to 3 GHz
- 9010/60P: EMI receiver 10 Hz to 6 GHz

LISN

- L2-16B: single phase AMN, 16 A
- L3-32: 4 lines, 3-phase AMN, 32 A
- L3-64: 4 lines, 3-phase AMN, 63 A
- L3-64/690: 4 lines, 3-phase AMN, 63 A
- L3-100: 4 lines, 3-phase AMN, 100 A
- L1-150M: single-path, 50 Ohm AMN, 150 A
- L1-150M1: single-path, 50 Ohm AMN, 150 A
- L1-500: single phase AMN, 500 A
- L3-500: 4 lines, 3-phase AMN, 500 A
- L2-D: Delta LISN for telecom, 2 A, 150 Ω

Antennas

- BC-01: Biconical Antenna 30 to 200 MHz
- RF-300: Van Veen Loop
- RA01: Rod Antenna 9 kHz to 30 MHz
- RA01-HV: Rod Antenna 150 kHz to 30 MHz
- RA01-MIL: Rod Antenna 9 kHz to 30 MHz

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