RF CHARACTERISTICS

Number of ways	: **8**
Frequency range	: **0 - 26.5 GHz**
Impedance	: **50 Ohms**

Frequency (GHz)	DC - 3	3 - 8	8 - 12.4	12.4 - 18	18 - 26.5
VSWR max	**1.20**	**1.30**	**1.40**	**1.50**	**1.90**
Insertion loss max	**0.20 dB**	**0.30 dB**	**0.40 dB**	**0.50 dB**	**0.90 dB**
Isolation min	**80 dB**	**70 dB**	**60 dB**	**60 dB**	**60 dB**
Average power (*)	**240 W**	**150 W**	**120 W**	**100 W**	**100 W**

TERMINATION IMPEDANCE	: **50 Ohms**
TERM. AVG. POWER AT 25° C	: **1 W per termination / 3 W total power**

ELECTRICAL CHARACTERISTICS

Actuator	: **NORMALLY OPEN**
Nominal current **	: **420 mA**
	: **Supply current (Quiescent) : 10mA (max)**
	: **Start up time : 2 ms (max)**
Actuator voltage (Vcc)	: **5V / NEGATIVE COMMON**
Terminals	: **Mini-USB socket (with 1 meter USB cable)**

MECHANICAL CHARACTERISTICS

Connectors	: **SMA female per MIL-C 39012**
Life	: **2 million cycles per position**
Switching Time***	: **< 15 ms**
Construction	: **Splashproof**
Weight	: **< 250 g**

ENVIRONMENTAL CHARACTERISTICS

Operating temperature range	: **-25°C to +75°C**
Storage temperature range	: **-55°C to +85°C**

SYSTEM REQUIREMENTS

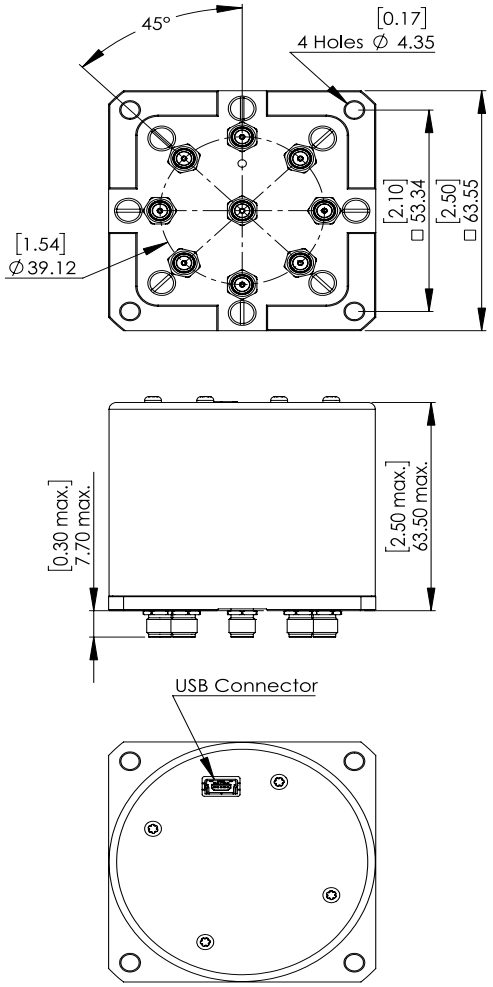
Compatible with Windows® 7 up to 11 operating systems using 32 and 64 bit architecture

(* Average power at 25°C per RF Path)
(** At 25° C ±10%)
(*** Nominal voltage ; 25° C)

RoHS COMPLIANT

This document contains proprietary information and such information shall not be disclosed to any third party for any purpose whatsoever or used for manufacturing purposes without prior written agreement from Radiall. The data defined in this document are given as an indication, in the effort to improve our products; we reserve the right to make any changes judged necessary.

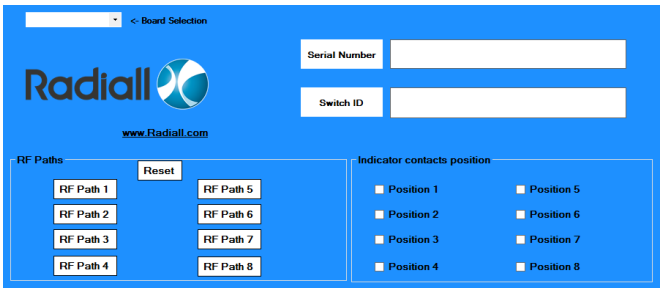
DRAWING



General tolerances : ±0.5 mm [0.02 in]

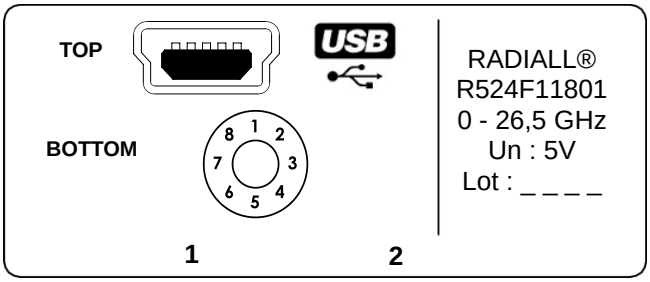


Graphical User Interface

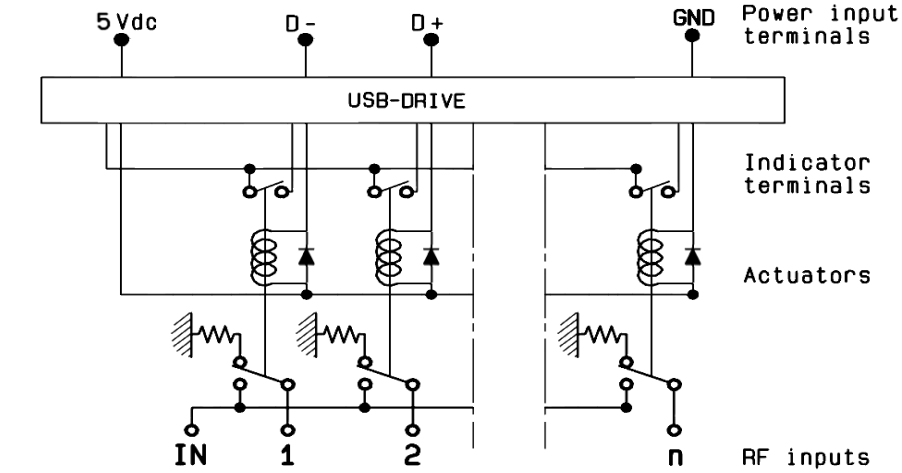


Apart from using the provided GUI interface USB switch can be also controlled via other commonly used software programming platforms such as Visual Basic, C#, C++, LabVIEW™ and VEE.

LABEL



SCHEMATIC DIAGRAM



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