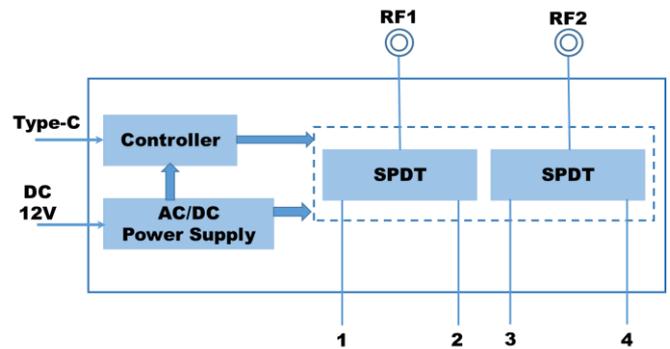


VMCSM-2/4-18-B-SF

FEATURES

- ◆ Frequency range DC - 18GHz
- ◆ VSWR: 1.3
- ◆ Low insertion loss: 0.3dB Typ.
- ◆ High isolation 60dB
- ◆ High consistency and high reliability
- ◆ Serial port and Ethernet control



PRODUCT OVERVIEW

The VMCSM-2/4-18-B-SF is a 2-channel SPDT mechanical switch matrix covering DC-18 GHz. It features independent integration capability, stable standing waves, low insertion loss, high isolation, and a switching speed of 10 ms. Users can control the switch matrix via serial port or Ethernet.

SPECIFICATIONS

Parameter	Min.	Typ.	Max.	Unit
Frequency Range	DC	-	18	GHz
Insertion Loss	-	0.3	0.4	dB
VSWR	-	1.3	1.4	:1
Isolation	70	60	-	dB
COM Ports	-	-	2×1	/
Channel Ports	-	-	2×2	/
Input Power	-	-	100	W
Switching Time	-	-	10	ms
Voltage Supply	-	-	12	VDC
Control Interface*	Type-C			
RF Channel Connector	SMA - Female			
Operating Temperature	- 25 °C ~ + 65 °C			
Storage Temperature	- 55 °C ~ + 85 °C			

* For Windows 10 systems (including the trimmed version of Windows 10), USB drivers need to be installed

SCHEMATIC DIAGRAM OF THE DEVICE

<p>Front Panel Effect of the Device</p>	
<p>Rear Panel Effect of the Device</p>	