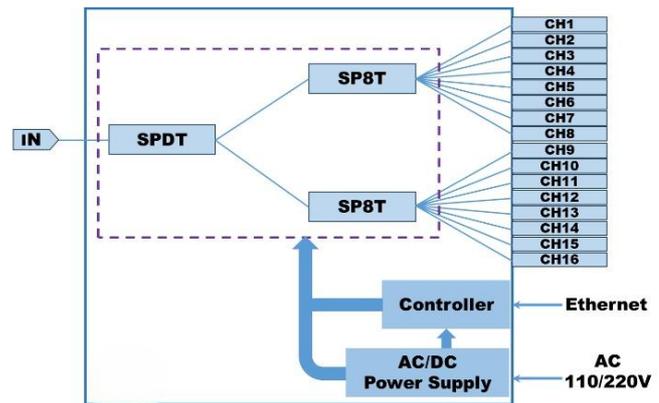


VMCSM-1/16-18-B-SF

FEATURES

- ◆ Frequency range DC - 18GHz
- ◆ VSWR: 1.8
- ◆ Low insertion loss: 1.6dB Typ.
- ◆ High isolation 60dB
- ◆ High consistency and high reliability
- ◆ Serial port and Ethernet control



PRODUCT OVERVIEW

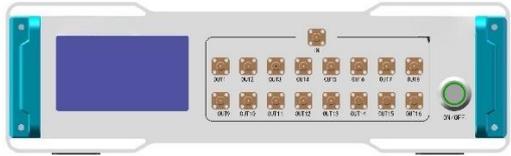
VOMAC offers a custom DC-18 GHz 1x16 mechanical switch matrix in a 2U chassis. Housed in a rugged metal enclosure, it delivers stable VSWR, low insertion loss, and high isolation. Control is available via serial port or Ethernet.

SPECIFICATIONS

Parameter	Min.	Typ.	Max.	Unit
Frequency Range	DC	-	18	GHz
Insertion Loss	-	1.6	2.0	dB
VSWR	-	1.65	1.8	:1
Isolation	70	60	-	dB
COM Ports	-	-	1	/
Channel Ports	-	-	16	/
Power Handling	-	-	10	W
Switching Time	-	-	15	ms
Voltage Supply	110	-	240	VAC
Amplitude Consistency	$\leq \pm 0.6\text{dB}@2\sim 12\text{GHz}$ $\leq \pm 0.8\text{dB}@12\sim 18\text{GHz}$			
Phase Consistency	$\leq \pm 4^\circ@2\sim 12\text{GHz}$ $\leq \pm 5^\circ@12\sim 18\text{GHz}$			
Control Interface	Ethernet / Serial Port			
RF Channel Connector	SMA - Female			
Operating Temperature	- 25 °C ~ + 65 °C			
Storage Temperature	- 55 °C ~ + 85 °C			

SCHEMATIC DIAGRAM OF THE DEVICE

Option 1

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

Option 2

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