



## C-Band Switch Matrix



### ➤ Product overview

The product realizes 16x16 non-blocking full switching, and has the functions of automatic saving and power-on automatic recovery; local touch screen and keyboard control, remote host computer control and query functions. With a local IP address, the port is modified locally, and it will take effect after restarting the device; the network port supports internal software upgrades; the rear grounding column, power cord, monitoring port, and fan are uniformly distributed to the left; the front panel has the remote control indicator to indicate; the front panel indicates The lights and switch buttons are distributed to the right; the power button is a round self-locking button with a power indicator.

16x16, non-blocking full swap.

### ➤ Main indicator parameter

Parameter name	Typical value
Model	SP-C-41
Frequency	2.2GHz~4.0GHz
Gain	0±1dB (working temperature at room temperature)
Noise figure	≤10dB
Amplitude consistency	≤ 0.5dB; (in the state of one input and multiple outputs, the level difference of each output port)
Input and output standing waves	≤1.5:1
Switch switching time	≤1s
Output P-1 compression point	≥5dBm



Parameter name	Typical value
Model	SP-C-41
Does not damage the input level	$\geq 15\text{dBm}$
Channel isolation	Input and output: $\geq 60\text{dB}$ ; different input, output and output: $\geq 60\text{dB}$ ; same input, output and output: $\geq 35\text{dB}$
Enter the P-1 compression point	$\geq 5\text{dBm}$
In-band spurs	$\leq 90\text{dB}$ /within full bandwidth
Power Requirements	Power supply: $220\text{V}\pm 10\%$ , $50\text{Hz}\pm 5\%$ ; Power consumption: $\leq 100\text{ W}$
Product size	Height $\leq 4\text{U}$ , depth $\leq 550\text{mm}$
Operating temperature	$-10^{\circ}\text{C}\sim +40^{\circ}\text{C}$

