

# FPS5-100-18000-A

## SP5T, 0.1~18GHz, Absorptive

**Features:**

- \* Low Insertion Loss
- \* High Isolation

**Applications:**

- \* Wireless
- \* Transmitter
- \* Laboratory Test
- \* Radar

**Electrical**

Frequency:	0.1~18GHz
Insertion Loss:	3.5dB max.
Isolation:	60dB min.
VSWR:	2.0 max.
Voltage/Current:	+5V DC/250mA max.
	-5V DC/50mA max.
Impedance:	50Ω
Input Power:	30dBm max.

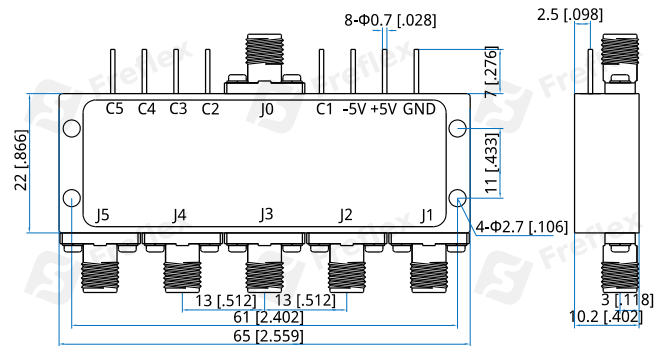
**Mechanical**

Size <sup>*1</sup> :	65*22*10.2mm
	2.559*0.866*0.402in
Switching Time:	120ns max.
RF Connectors:	SMA Female
Weight:	45g
Housing Material:	Aluminum
Outer Conductor:	Nickel plated
Mounting:	4-Φ2.7mm through-hole

[1] Exclude connectors.

**Environmental**

Operating Temperature:	-45~+85°C
Non-operating Temperature:	-55~+125°C

**Outline Drawings**


Unit: mm [in]

Tolerance: ±0.2mm [±0.008in]

**Pin Numbering**

C1	C2	C3	C4	C5	Connection
0	1	1	1	1	J0-J1
1	0	1	1	1	J0-J2
1	1	0	1	1	J0-J3
1	1	1	0	1	J0-J4
1	1	1	1	0	J0-J5

**How To Order**

**FPS5-100-18000-A**

Customization is available upon request.