

FPS8-50-18000-A

SP8T, 0.05~18GHz, Absorptive

Features:

- * Low Insertion Loss
- * High Isolation

Applications:

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

Electrical

Frequency:	0.05~18GHz
Insertion Loss:	6dB max.
Isolation:	70dB min.
VSWR:	2 max.
Input Power:	+30dBm max.
Voltage/Current:	+5V@400mA max. -5V@50mA max.
Control:	TTL High - 1 TTL Low/NC - 0
Impedance:	50Ω

Mechanical

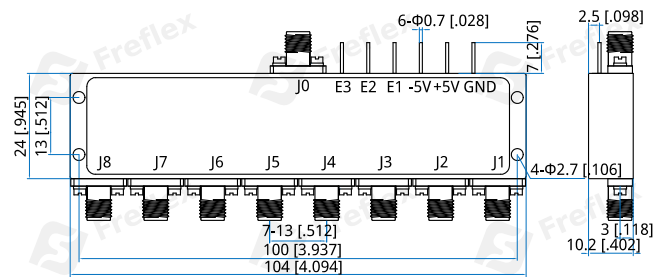
Size ^{*1} :	104*24*10.2mm 4.094*0.945*0.402in
Switching Time ^{*2} :	250ns max.
RF Connectors:	SMA Female
Weight:	70g typ.
Power Supply Connectors:	Feed Through/Terminal Post
Mounting:	4-Φ2.7mm through-hole

[1] Exclude connectors.

[2] Values at 25°C, sea level. Switching speed is defined as 50% TTL to 90% RF (t-on) and 50% TTL to 10% RF (t-off).

Environmental

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

Outline Drawings


Unit: mm [in]

Tolerance: ±0.2mm [±0.008in]

Control True Table

E3	E2	E1	Connection
0	0	0	J0 - J1 On
0	0	1	J0 - J2 On
0	1	0	J0 - J3 On
0	1	1	J0 - J4 On
1	0	0	J0 - J5 On
1	0	1	J0 - J6 On
1	1	0	J0 - J7 On
1	1	1	J0 - J8 On

How To Order

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Customization is available upon request.