

FPS4-100-20000-A

SP4T, 0.1~20GHz, Absorptive

Features:

- * Low Insertion Loss
- * High Isolation

Applications:

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

Electrical

Frequency:	0.1~20GHz
Insertion Loss:	3.2dB max. (0.1~6GHz) 3.5dB max. (0.1~12GHz) 4.5dB max. (0.1~20GHz)
Isolation:	44dB min. (0.1~6GHz) 36dB min. (6~12GHz) 45dB min. (12~20GHz)
VSWR:	1.7 typ. (0.1~12GHz) 2 typ. (0.1~20GHz)
Input Power (P1dB):	24dBm typ. (0.5~20GHz)
IIP3:	40dBm typ. (0.5~20GHz)
Voltage/Current:	+5V@10mA typ.
Control:	TTL High - 1 TTL Low/NC - 0
Impedance:	50Ω

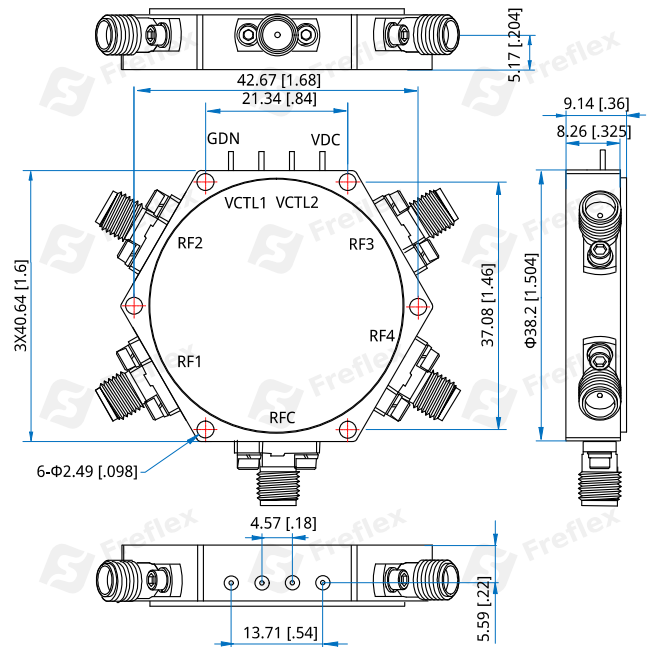
Mechanical

Tr, Ts:	20nS typ.
Ton, Toff:	100nS typ.
RF Connectors:	SMA Female
Power Supply Connectors:	Feed Through/Terminal Post
Mounting:	6-Φ2.49mm through-hole

How To Order

[FPS4-100-20000-A](#)

Customization is available upon request.

Outline Drawings


Unit: mm [in]

Tolerance: ±0.2mm [±0.008in]

Control True Table

VCTL1	VCTL2	Strobe Channel
0	0	RFC-RF1
0	1	RFC-RF2
1	0	RFC-RF3
1	1	RFC-RF4