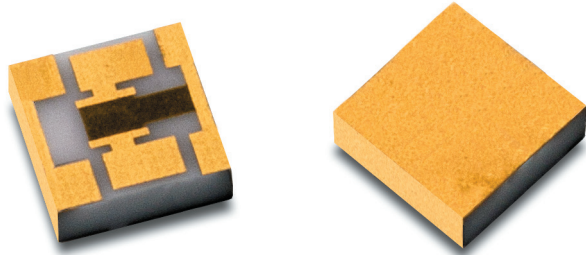


Fixed Attenuator Pads

SemiGen Fixed Attenuator Pads are built on alumina nitride providing greater thermal conductivity and performance. Our advanced thin-film technology allows our parts to have full side wraps for SMT installation and a complete grounding backside for ease in attachment, as no ground bonding is required. Top side contacts for the input and output make these ideal for standard RF/microwave assembly techniques. Custom values are easy to fabricate and design allowing users to design in a specific value of choice.



Features:

- Medium- to High-Power Handling 1W to 5W CW
- Flat Response from DC to 50 GHz
- Return Loss >18dB DC to 14 GHz
- Return Loss >16dB 15GHz to 50 GHz
- Temp Stable TCR <100 PPM
- Chip Size .030" X .030" on most all designs

Part Number	Value (dB)	IL (dB)	RL (dB)
SFAP-1db	1	+/- .20	>18
SFAP-2db	2	+/- .20	>18
SFAP-3db	3	+/- .20	>18
SFAP-4db	4	+/- .20	>18
SFAP-5db	5	+/- .20	>18
SFAP-6db	6	+/- .25	>18
SFAP-7db	7	+/- .25	>18
SFAP-8db	8	+/- .25	>18
SFAP-9db	9	+/- .25	>18
SFAP-10db	10	+/- .25	>18
SFAP-11db	11	+/- .30	>18
SFAP-12db	12	+/- .30	>18
SFAP-13db	13	+/- .30	>18
SFAP-14db	14	+/- .30	>18
SFAP-15db	15	+/- .30	>18
SFAP-16db	16	+/- .40	>18
SFAP-17db	17	+/- .40	>18
SFAP-18db	18	+/- .40	>18
SFAP-19db	19	+/- .40	>18
SFAP-20db	20	+/- .40	>18
SFAP-21db	21	+/- .50	>18
SFAP-22db	22	+/- .50	>18
SFAP-23db	23	+/- .50	>18
SFAP-24db	24	+/- .50	>18
SFAP-25db	25	+/- .50	>18
SFAP-26db	26	+/- .60	>18
SFAP-27db	27	+/- .60	>18
SFAP-28db	28	+/- .60	>18
SFAP-29db	29	+/- .60	>18
SFAP-30db	30	+/- .60	>18
SFAP-35db	35	+/- .70	>18
SFAP-40db	40	+/- .80	>18
SFAP-50db	50	+/- 1.0	>18
SFAP-75db	75	+/- 1.50	>18
SFAP-100db	100	+/- 2.00	>18