

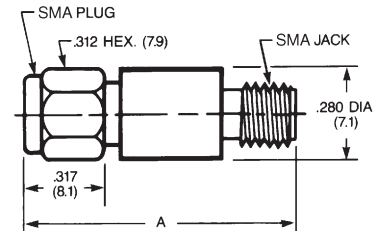
SMA Fixed Coaxial Attenuators

2082 Series

DC-18 GHz • Round Body

- Small Size, .86 and 1.02 Overall Length
- Thin Film Technology
- Light Weight
- Broadband Operation
- Rugged Construction
- Complete In-House Capability

SMA subminiature series attenuators are extremely compact; as small as 0.28 inches in diameter and 0.86 inches long. This series was designed for broadband precision operation where flat frequency response and minimum size and weight are necessary. The rugged construction and thermal stability assure high performance in military and space applications.



dB	DIM. A	WEIGHT
0 - 12	0.86 (21.8mm)	.18 oz. max. (5g)
13 - 30	1.02 (25.9mm)	.21 oz max. (6g)

Frequency:

DC - 18.0 GHz
Also available:
DC - 4, dc - 12.4

VSWR:

DC - 4 GHz 1.15
4 - 12.4 GHz 1.25
12.4- 18 GHz 1.35

Power:

2 Watts Average
500 Watts Peak
See Derating Curve on Page 4

Finish:

Passivated Stainless Steel

Part Number Plug-Jack	Attenuators (dB)
2082-6040-00	0.0 ±0.30
2082-6130-00	0.5 ±0.30
2082-6040-01	1.0 ±0.30
2082-6130-01	1.5 ±0.30
2082-6040-02	2.0 ±0.30
2082-6130-02	2.5 ±0.30
2082-6040-03	3.0 ±0.30
2082-6130-03	3.5 ±0.30
2082-6041-04	4.0 ±0.30
2082-6131-04	4.5 ±0.30
2082-6041-05	5.0 ±0.30
2082-6131-05	5.5 ±0.30
2082-6041-06	6.0 ±0.30
2082-6131-06	6.5 ±0.50
2082-6042-07	7.0 ±0.50
2082-6132-07	7.5 ±0.50
2082-6042-08	8.0 ±0.50
2082-6132-08	8.5 ±0.50
2082-6042-09	9.0 ±0.50
2082-6132-09	9.5 ±0.50
2082-6042-10	10.0 ±0.50
2082-6132-10	10.5 ±0.50
2082-6043-11	11.0 ±0.50
2082-6043-12	12.0 ±0.50
2082-6043-13	13.0 ±0.50
2082-6043-14	14.0 ±0.50
2082-6043-15	15.0 ±0.50
2082-6043-16	16.0 ±0.50
2082-6043-17	17.0 ±0.50
2082-6043-18	18.0 ±0.50
2082-6043-19	19.0 ±0.50
2082-6043-20	20.0 ±0.50
2082-6044-30	30.0 ±0.75

Low Cost

Part Number Plug - Jack	Frequency (GHz)	Attenuation (dB)	VSWR
2082-6141-03	DC-18.0	3.0 ± 0.60	DC - 4 GHz, 1.15 4 - 12.4 GHz, 1.25 12.4 - 18 GHz, 1.35
2082-6142-06		6.0 ± 0.75	
2082-6143-10		10.0 ± 1.25	
2082-6144-20		20.0 ± 1.50	
2082-6144-30		30.0 ± 2.00	
2082-6020-03	DC-12.4	3.0 ± 0.30	DC - 4 GHz, 1.15 4 - 12.4 GHz, 1.25
2082-6021-06		6.0 ± 0.30	
2082-6022-10		10.0 ± 0.50	
2082-6023-20		20.0 ± 0.50	
2082-6024-30		30.0 ± 0.75	
2082-6010-03	DC- 4	3.0 ± 0.30	DC - 4 GHz, 1.15
2082-6011-06		6.0 ± 0.30	
2082-6012-10		10.0 ± 0.50	
2082-6013-20		20.0 ± 0.50	
2082-6014-30		30.0 ± 0.75	

Specifications subject to change without notice.

Non-standard versions available.
Contact franchised distributor or factory.