

# SMA Fixed Coaxial Attenuators

## 2082 Series

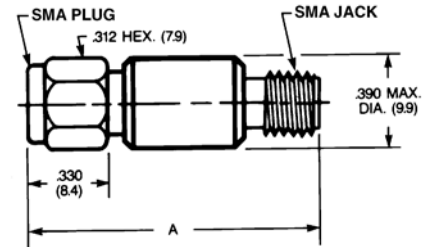
### DC-18 GHz • Round Body

- Thin Film Technology
- Broadband Operation
- Rugged Construction
- Complete In-House Capability

SMA Miniature series fixed attenuators offer precision reliable performance in a compact package. Maximum electrical flexibility can be achieved by choosing the proper unit from the series listed below. Rugged construction and thermal stability assure high performance in military and space applications.

Part Number Plug - Jack	Frequency (GHz)	Attenuation (dB)	VSWR
2082-6191-00	DC-18.0	0.0 + 0.30	DC - 4 GHz, 1.15 4 - 12.4 GHz, 1.25 12.4 - 18 GHz, 1.35
2082-6191-01		1.0 + 0.30	
2082-6191-02		2.0 + 0.30	
2082-6191-03		3.0 ± 0.30	
2082-6192-04		4.0 ± 0.30	
2082-6192-05		5.0 ± 0.30	
2082-6192-06		6.0 ± 0.30	
2082-6193-07		7.0 ± 0.50	
2082-6193-08		8.0 ± 0.50	
2082-6193-09		9.0 ± 0.50	
2082-6193-10		10.0 ± 0.50	
2082-6194-11		11.0 ± 0.50	
2082-6194-12		12.0 ± 0.50	
2082-6194-13		13.0 ± 0.50	
2082-6194-14		14.0 ± 0.50	
2082-6194-15		15.0 ± 0.50	
2082-6194-16		16.0 ± 0.50	
2082-6194-17		17.0 ± 0.50	
2082-6194-18		18.0 ± 0.50	
2082-6194-19		19.0 ± 0.50	
2082-6194-20	20.0 ± 0.50		
2082-6194-30	30.0 ± 0.75		

### Outline Drawing



dB	DIM. A	WEIGHT
0 - 30	1.24 (31.5mm)	.30 oz. max. (8g)
31 - 60	1.80 (45.7mm)	40 oz. max. (11g)

Part Number Plug-Jack	Frequency (GHz)	Attenuation (dB)	VSWR
2082-6145-03	DC- 18.0	3.0 ± 0.60	DC to 4 GHz 1.20 4 to 12.4 GHz 1.40 12.4 to 18 GHz 1.60
2082-6146-06		6.0 ± 0.75	
2082-6147-10		10.0 ± 1.25	
2082-6148-20		20.0 ± 1.50	
2082-6148-30		30.0 ± 2.00	

Plug-Jack	(GHz)	(dB)	VSWR
2082-6181-03	DC - 12.4	3.0 ± 0.30	DC to 4 GHz 1.15 4 to 12.4 GHz 1.25
2082-6182-06		6.0 ± 0.30	
2082-6183-10		10.0 ± 0.50	
2082-6184-20		20.0 ± 0.50	
2082-6185-30		30.0 ± 0.75	
2082-6186-40		40.0 ± 1.00	
2082-6171-03	DC - 4.0	3.0 ± 0.30	DC to 4 GHz 1.15
2082-6172-06		6.0 ± 0.30	
2082-6173-10		10.0 ± 0.5	
2082-6174-20		20.0 ± 0.50	
2082-6175-30		30.0 ± 0.75	
2082-6176-40		40.0 ± 1.00	

#### Power:

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

#### Finish:

Passivated Stainless Steel

Specifications subject to change without notice.

Contact franchised distributor or factory.

Non-standard versions available.