

# OSM (SMA) Fixed Coaxial Attenuators Miniature

## 2082 Series

V2.00

### Features

- DC-18 GHz - Round Body
- Thin Film Technology
- Complete In-House Capability
- Broadband Operation

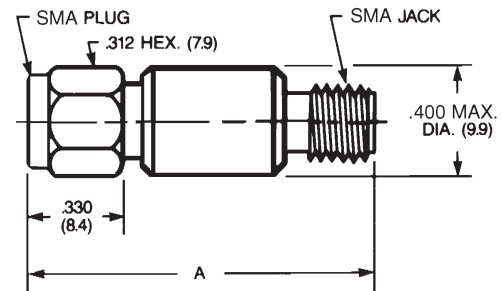
### Description

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.

### Specifications

Part Number Plug-Jack	Attenuation (dB)
2082-6191-00	0.0 +0.30
2082-6197-00	0.5 +0.30
2082-6191-01	1.0 +0.30
2082-6197-01	1.5 +0.30
2082-6191-02	2.0 +0.30
2082-6197-02	2.5 ±0.30
2082-6191-03	3.0 ±0.30
2082-6197-03	3.5 ±0.30
2082-6192-04	4.0 ±0.30
2082-6198-04	4.5 ±0.30
2082-6192-05	5.0 ±0.30
2082-6198-05	5.5 ±0.30
2082-6192-06	6.0 ±0.30
2082-6198-06	6.5 ±0.50
2082-6193-07	7.0 ±0.50
2082-6199-07	7.5 ±0.50
2082-6193-08	8.0 ±0.50
2082-6199-08	8.5 ±0.50
2082-6193-09	9.0 ±0.50
2082-6199-09	9.5 ±0.50
2082-6193-10	10.0 ±0.50
2082-6199-10	10.5 ±0.75
2082-6194-11	11.0 ±0.75
2082-6194-12	12.0 ±0.75
2082-6194-13	13.0 ±0.75
2082-6194-14	14.0 ±0.75
2082-6194-15	15.0 ±0.75
2082-6194-16	16.0 ±0.75
2082-6194-17	17.0 ±0.75
2082-6194-18	18.0 ±0.75
2082-6194-19	19.0 ±0.75
2082-6194-20	20.0 ±0.50
2082-6195-30	30.0 ±0.75
2082-6196-40	40.0 ±1.00
2082-6196-50	50.0 ±2.00
2082-6196-60	60.0 ±2.00

### Outline Drawing



dB	Dim. A	Weight
0 - 30	1.24 (31.5mm)	.26 oz. max. (8g)
31 - 60	1.80 (45.7mm)	.40 oz. max. (11g)

Note: All dimensions are ±.020, except mounting hole diameters (±.005) and mounting hole locations (±.010).

#### 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

#### Finish

Passivated Stainless Steel

