

# Fixed Coaxial Attenuators

## 5 & 10 Watt

## 2082 Series

V2.00

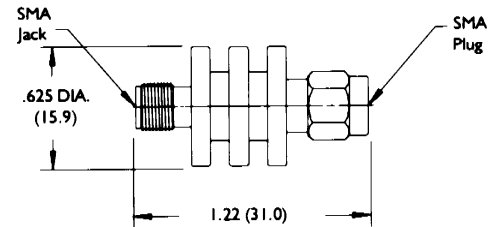
### Features

- Low VSWR
- dc - 18.0 GHz Operation
- Flat Attenuation Response
- Precision SMA Connectors
- No Hazardous Beryllium Oxide
- N Custom Capability

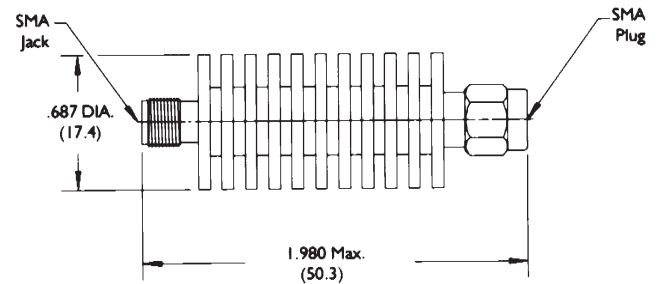
### Description

M/A-COM introduces its new 5 and 10 watt SMA attenuators. These units have been designed for use where stable, broadband, medium power units are required. They feature stainless steel connectors and black anodized aluminum heat sink bodies. Standard connector configuration is plug-jack. Contact the factory for part numbers and specifications on plug-plug and jack-jack configurations.

### 5 Watt



### 10 Watt



### 5 Watt SMA

Frequency Range (GHz)	Attenuation (dB)	Part Number
dc - 18.0	3.0 ±0.30	2082-6524-03
	6.0 ±0.30	2082-6524-06
	10.0 ±0.50	2082-6524-10
	20.0 ±0.75	2082-6524-20
	30.0 ±0.75	2082-6524-30

### Power

(Avg.): 5 Watts CW (25°C)\*  
(Peak): 500 Watts Max.

### Temperature Range

-55 to 125°C

### Weight

0.5 oz. (14g) Max.

### VSWR

dc to 4 GHz      1.15  
4 to 12.4 GHz    1.25  
12.4 to 18 GHz   1.35

### 10 Watt SMA

Frequency Range (GHz)	Attenuation (dB)	Part Number
dc - 18.0	3.0 ±0.30	2082-6502-03
	6.0 ±0.30	2082-6502-06
	10.0 ±0.50	2082-6502-10
	20.0 ±0.75	2082-6502-20

### Power

(Avg.): 10 Watts CW (25°C)\*  
(Peak): 500 Watts Max.

### Temperature Range

-55 to 125°C

### Weight

1.0 oz. (28g) Max.

### VSWR

dc to 8 GHz      1.20  
8 to 12.4 GHz    1.30  
12.4 to 18 GHz   1.40

\* Power derates linearly to 10% at 125°C.