## **Attenuators**

## **SMA Ultraminiature Type**

## DC - 18 GHz High Performance

- DC-2, DC-4, DC-8, and DC-12.4 units also available
- 0 30 dB Attenuation Values
- Rugged Stainless Steel Construction
- Any Male/Female combination available
- Small Size Lightweight

Midwest Microwave's SMA Ultraminiature series of fixed coaxial attenuators provide temperature stable, ruggedly built, precision performance in a very small light weight package size. Attenuation values up through 30 dB in 1 dB increments are available with any of the units described and with any combination of female or male SMA connectors.



## SPECIFICATIONS - HIGH PERFORMANCE

Frequency: DC - 18.0, DC - 12.4, DC - 8.0 GHz

DC - 4.0, DC - 2.0 GHz

Attenuation Accuracy: 1-6 dB ±0.3dB

7-20 dB ±0.5 dB

21-30 dB ±1.0 dB

VSWR: 1.07+.015 (f GHz) max.

Power: 2 Watts average @ +25 °C derated linearly to .5 watts @ +125 °C

Peak Power: 200 Watts

Operating Temperature Range: - 65 to + 125 °C

Finish: Passivated Stainless Steel

DC - 18 GHz	275 Series	Model Numbers
Male/Female	Female/Female	Male/Male
ATT-0275-XX-SMA-02	ATT-275F-XX-SMA-02	ATT-275M-XX-SMA-02
VV = Attenuation Values Calact 04 20dD in 4dD ingrements		

XX = Attenuation Value: Select 01-30dB in 1dB increments (.5 dB increments available)

HIGH PERFORMANCE

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	28 DIA
	7.1)

Attenuation Value	Length A
1-12 dB	0.750
13-30 dB	0.875

276 Series	Model Numbers
Female/Female	Male/Male
ATT-276F-XX-SMA-02	ATT-276M-XX-SMA-02
	Female/Female

XX = Attenuation Value: Select 01-30dB in 1dB increments

(.5 dB increments available)

HIGH PERFORMANCE

BOTH ENDS	7.28 DIA
A	1

Attenuation Value	Length A
1-12 dB	0.700
13-30 dB	0.825

DC - 8.0 GHz	277 Series	Model Numbers
Male/Female	Female/Female	Male/Male
ATT-0277-XX-SMA-02	ATT-277F-XX-SMA-02	ATT-277M-XX-SMA-02

XX = Attenuation Value: Select 01-30dB in 1dB increments

(.5 dB increments available)

HIGH PERFORMANCE

SMA PLUG BOTH ENDS	.28 DIA (7.1)

Attenuation Value	Length A
1-12 dB	0.875
13-30 dB	1.00

