

# 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  $\pm 0.3$  dB  
7-20 dB  $\pm 0.5$  dB  
21-30 dB  $\pm 1.0$  dB

**VSWR:** 1.07+0.015 (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

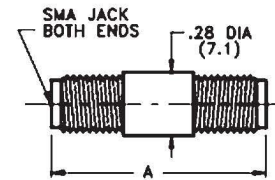
**Finish:** Passivated Stainless Steel

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
XX = Attenuation Value: Select 01-30dB in 1dB increments (.5 dB increments available)			
<i>HIGH PERFORMANCE</i>			



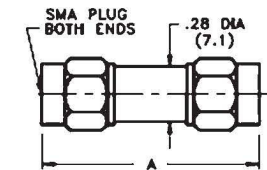
Attenuation Value	Length A
1-12 dB	0.750
13-30 dB	0.875

DC - 12.4 GHz		276 Series	Model Numbers
Male/Female	Female/Female		Male/Male
ATT-0276-XX-SMA-02	ATT-276F-XX-SMA-02		ATT-276M-XX-SMA-02
XX = Attenuation Value: Select 01-30dB in 1dB increments (.5 dB increments available)			
<i>HIGH PERFORMANCE</i>			



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)			
<i>HIGH PERFORMANCE</i>			



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

## X-ON Electronics

Largest Supplier of Electrical and Electronic Components

*Click to view similar products for [Attenuators - Interconnects](#) category:*

*Click to view products by [Bel Fuse](#) manufacturer:*

Other Similar products are found below :

[R411803119](#) [R413806115](#) [R413808000](#) [R413810115](#) [R413850115](#) [R414510000](#) [R414701000](#) [BNC-13](#) [R411800121](#) [R411801121](#)  
[R412412124](#) [R412450000](#) [R413800000](#) [R413805000](#) [R413830000](#) [R413840115](#) [R414730000](#) [R415420000](#) [R415703000](#) [R416010000](#)  
[R420003110](#) [R411801000](#) [R411815121](#) [R413305000](#) [R413801000](#) [R414520000](#) [R411808121](#) [R412500124](#) [R412414124](#) [R412501124](#)  
[HMC-C584](#) [R413802000](#) [R412400124](#) [R411700124](#) [R417310130](#) [R411801119](#) [R412419124](#) [R411703124](#) [R412401124](#) [R443131000](#)  
[R417130110](#) [R414700000](#) [R414505000](#) [R411802119](#) [R417720128](#) [R420706110](#) [R413811000](#) [R413803115](#) [R414501000](#) [R417903128](#)