

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 ± 0.3 dB
7-20 dB ± 0.5 dB
21-30 dB ± 1.0 dB

VSWR: 1.07+0.015 (f GHz) max.

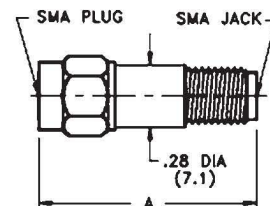
Power: 2 Watts average @ +25 °C derated linearly to .5 watts @ +125 °C

Peak Power: 200 Watts

Operating Temperature Range: - 65 to + 125 °C

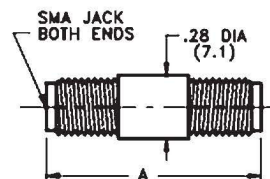
Finish: Passivated Stainless Steel

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)		
HIGH PERFORMANCE		



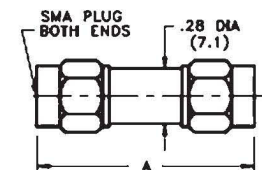
Attenuation Value	Length A
1-12 dB	0.750
13-30 dB	0.875

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)		
HIGH PERFORMANCE		



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		



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

Mouser Electronics

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[ATT-0277-07-SMA-02](#)