

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

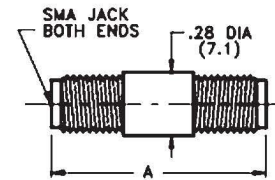
Finish: Passivated Stainless Steel

| 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) | | | |
| <i>HIGH PERFORMANCE</i> | | | |



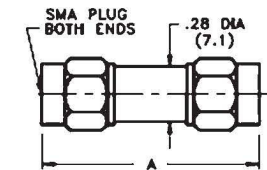
| Attenuation Value | Length A |
|-------------------|----------|
| 1-12 dB | 0.750 |
| 13-30 dB | 0.875 |

| 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 |