

Attenuators

SMA Miniature Type

DC - 18 GHz High Performance

- DC-2, DC-4, DC-8, and DC-12.4 units available
- 0 - 60 dB Attenuation Values
- Rugged Stainless Steel Construction
- Any Male/Female combination available
- Low cost alternatives available

Midwest Microwave's SMA miniature series of fixed coaxial attenuators provide temperature stable, ruggedly built, precision performance in a small light weight package size. Attenuation values up through 60 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: 1-10 dB ± 0.3 dB
11-20 dB ± 0.5 dB
21-40 dB ± 1.0 dB
41-60 dB ± 1.5 dB

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

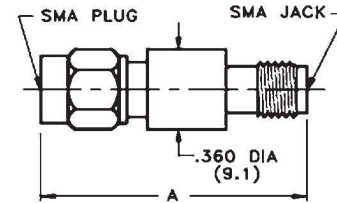
Power: 2 Watts Average @ 25C derated linearly to .5 Watts @ 125C

Peak Power: 200 Watts

Operating Temperature Range: - 65 to + 125C

Finish: Passivated Stainless Steel

| DC - 18 GHz | 263 Series | Model Numbers |
|--|--------------------|--------------------|
| Male/Female | Female/Female | Male/Male |
| ATT-0263-XX-SMA-02 | ATT-263F-XX-SMA-02 | ATT-263M-XX-SMA-02 |
| XX = Attenuation Value: Select 01-60dB in 1dB increments (.5 dB increments available) | | |
| HIGH PERFORMANCE | | |



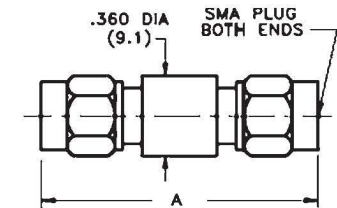
| Attenuation Value | Length A |
|-------------------|----------|
| 1-20 dB | 1.20 |
| 21-60 dB | 1.49 |

| DC - 12.4 GHz | 205 Series | Model Numbers |
|--|--------------------|--------------------|
| Male/Female | Female/Female | Male/Male |
| ATT-0205-XX-SMA-02 | ATT-205F-XX-SMA-02 | ATT-205M-XX-SMA-02 |
| XX = Attenuation Value: Select 01-60dB in 1dB increments (.5 dB increments available) | | |
| HIGH PERFORMANCE | | |



| Attenuation Value | Length A |
|-------------------|----------|
| 1-20 dB | 1.07 |
| 21-60 dB | 1.36 |

| DC - 8.0 GHz | 206 Series | Model Numbers |
|--|--------------------|--------------------|
| Male/Female | Female/Female | Male/Male |
| ATT-0206-XX-SMA-02 | ATT-206F-XX-SMA-02 | ATT-206M-XX-SMA-02 |
| XX = Attenuation Value: Select 01-60dB in 1dB increments (.5 dB increments available) | | |
| HIGH PERFORMANCE | | |



| Attenuation Value | Length A |
|-------------------|----------|
| 1-20 dB | 1.33 |
| 21-60 dB | 1.62 |

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