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

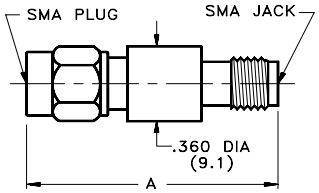
Attenuation Accuracy:

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

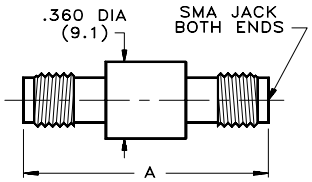
XX = Attenuation Value: Select 01-60dB in 1dB increments
(.5 dB increments available)
HIGH PERFORMANCE



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

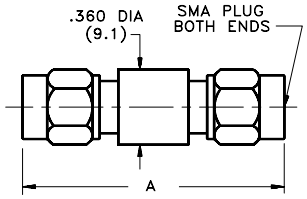
XX = Attenuation Value: Select 01-60dB in 1dB increments
(.5 dB increments available)
HIGH PERFORMANCE



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

Note: * U.S. Patent No. 3,824,506 applies to all " Fixed Attenuators.