# Attenuators

## **SMA Miniature Type**

### DC - 18 GHz High Performance

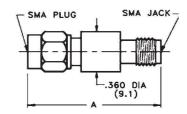
- DC-2, DC-4, DC-8, and DC-12.4 units available
- 0 60 dB Attenuation Values
- Rugged Stainless Steel Construction
- Any Male/Female combination available
- Low cost alternatives available

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

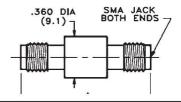
DC - 18 GHz	263 Series	Model Numbers		
Male/Female Female/Female Male/Male		Male/Male		
ATT-0263-XX-SMA-02	ATT-263F-XX-SMA-02	ATT-263M-XX-SMA-02		
XX = Attenuation Value: Select 01-60dB in 1dB increments				
(.5 dB increments available) HIGH PERFORMANCE				



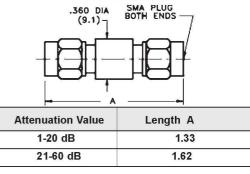
Attenuation Value	Length A
1-20 dB	1.20
21-60 dB	1.49

DC - 12.4 GHz	205 Series	Model Numbers		
Male/Female	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				

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	1.07
21-60 dB	1.36



## **Mouser Electronics**

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

Cinch Connectivity Solutions: ATT-0263-20-SMA-02