

Broadband Wireless Frequency Coverage

- DC-2, DC-8, DC-12.4, and DC-26.5 GHz units available
- Rugged Stainless Steel Construction
- Any Male/Female combination available
- Low cost high value performance

Midwest Microwave's SMA subminiature series of fixed coaxial attenuators (MINIPAD[®]) provide temperature stable, ruggedly built, precision performance in a compact 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

Frequency: DC - 2.0, DC - 4.0, DC - 12.4 GHz
DC - 18.0, and DC - 26.5 GHz

Attenuation Accuracy: 1-6 dB \pm 0.5dB
7-20 dB \pm 0.7 dB
21-30 dB \pm 1.5 dB

VSWR: 1.15 max @ DC - 2.0 GHz, 1.20 max @ 2 - 4.0 GHz, 1.25 max @ 4.0 - 12.4 GHz
1.35 max @ 12.4 - 18.0 GHz, and 1.5 max @ 18.0 - 26.5 GHz

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

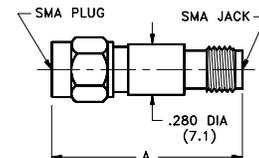
Peak Power: 200 Watts

Operating Temperature Range: -65 to +125C

Finish: Passivated Stainless Steel

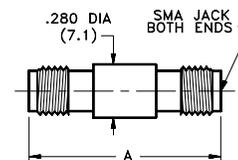


DC - 2.0 GHz		460 Series	Model Numbers
Male/Female	Female/Female		Male/Male
ATT-0460-XX-SMA-02	ATT-460F-XX-SMA-02		ATT-460M-XX-SMA-02
XX = Attenuation Value: Select 01-30*dB in 1dB increments only			
<i>Wireless System Performance</i>			



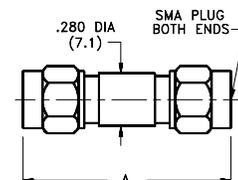
Attenuation Value	Length A
1-12 dB	0.86
13-30 dB	1.02

DC - 4.0 GHz		461 Series	Model Numbers
Male/Female	Female/Female		Male/Male
ATT-0461-XX-SMA-02	ATT-461F-XX-SMA-02		ATT-461M-XX-SMA-02
XX = Attenuation Value: Select 01-30*dB in 1dB increments only			
<i>Wireless System Performance</i>			



Attenuation Value	Length A
1-12 dB	0.90
13-30 dB	1.03

DC - 12.4 GHz		463 Series	Model Numbers
Male/Female	Female/Female		Male/Male
ATT-0463-XX-SMA-02	ATT-463F-XX-SMA-02		ATT-463M-XX-SMA-02
XX = Attenuation Value: Select 01-30*dB in 1dB increments only			
<i>Wireless System Performance</i>			



Attenuation Value	Length A
1-12 dB	0.98
13-30 dB	1.12

Note: * Higher dB levels are available on special request.

DC - 8 GHz units available as ATT-0462-XX-SMA-02 etc.