Attenuators

SMA Subminiature "MINIPAD"®

DC - 26.5 GHz High Performance

- DC-2, DC-8, DC-12.4, and DC-18 GHzunits available
- Rugged Stainless Steel Construction
- Any Male/Female combination available
- Low cost alternatives available

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 - HIGH PERFORMANCE

Frequency: DC - 18.0, DC - 12.4, DC - 8.0 GHz
DC - 4.0, and DC - 2.0 GHz

Attenuation Accuracy: 1-6 dB ± 0.3dB
7-20 dB ± 0.5 dB
21-30 dB ± 1.0 dB

VSWR: 1.07+.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 +125C

Finish: Passivated Stainless Steel

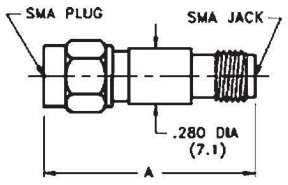
DC - 26.5 GHz	298 Series	Model Numbers
Male/Female	Female/Female	Male/Male
ATT-0298-XX-SMA-02	ATT-298F-XX-SMA-02	ATT-298M-XX-SMA-02
XX = Attenuation Value: Select 01-30dB in 1dB increments (.5 dB increments available)		
HIGH PERFORMANCE		

DC - 18 GHz	290 Series	Model Numbers
Male/Female	Female/Female	Male/Male
ATT-0290-XX-SMA-02	ATT-290F-XX-SMA-02	ATT-290M-XX-SMA-02
XX = Attenuation Value: Select 01-30dB in 1dB increments (.5 dB increments available)		
HIGH PERFORMANCE		

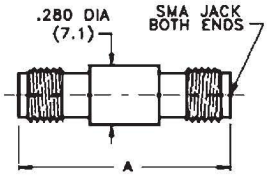
DC - 12.4 GHz	291 Series	Model Numbers
Male/Female	Female/Female	Male/Male
ATT-0291-XX-SMA-02	ATT-291F-XX-SMA-02	ATT-291M-XX-SMA-02
XX = Attenuation Value: Select 01-30dB in 1dB increments (.5 dB increments available)		
HIGH PERFORMANCE		

TYPE II LOW VSWR - HIGH PERFORMANCE
IMPROVED SPECIFICATIONS

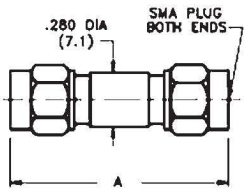
Frequency GHz	VSWR
DC - 4.0 GHz	1.12 max
4.0 - 8.0 GHz	1.15 max
8.0 - 18 GHz	1.20 max



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



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



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

MIDWEST MICROWAVE