# **Attenuators**

## SMA Subminiature "MINIPAD"®

#### Hex Body Types - High Performance

DC - 26.5 GHz Hex Body 298HEX Series Model Numbers		
Male/Female	Female/Female	Male/Male
ATT-0298-XX-HEX-02	ATT-298F-XX-HEX-02	ATT-298M-XX-HEX-02

XX = Attenuation Value: Select 01-30dB in 1dB increments (.5 dB increments available)

HIGH PERFORMANCE

DC - 18.0 GHz Hex Body 290HEX Series Model Numbers		
Male/Female	Female/Female	Male/Male
ATT-0290-XX-HEX-02	ATT-290F-XX-HEX-02	ATT-290M-XX-HEX-02

XX = Attenuation Value: Select 01-30dB in 1dB increments (.5 dB increments available)

HIGH PERFORMANCE

DC - 12.4 GHz Hex Body 291HEX Series Model Numbers		
Male/Female	Female/Female	Male/Male
ATT-0291-XX-HEX-02	ATT-291F-XX-HEX-02	ATT-291M-XX-HEX-02
VV = Attauration Value Onlead 04 00 ID in AID increased		

XX = Attenuation Value: Select 01-30dB in 1dB increments
(.5 dB increments available)

HIGH PERFORMANCE

DC - 8.0 GHz Hex Body 292HEX Series Model Numbers		
Male/Female	Female/Female	Male/Male
ATT-0292-XX-HEX-02	ATT-292F-XX-HEX-02	ATT-292M-XX-HEX-02
	ATT-292F-XX-FIEX-02	

XX = Attenuation Value: Select 01-30dB in 1dB increments (.5 dB increments available)

HIGH PERFORMANCE

DC - 2.0 GHz Hex Body 294HEX Series Model Numbers		
Male/Female	Female/Female	Male/Male
ATT-0294-XX-HEX-02	ATT-294F-XX-HEX-02	ATT-294M-XX-HEX-02
VV = Attanuation Value Calcut At 201D in 41D in annual a		

XX = Attenuation Value: Select 01-30dB in 1dB increments (.5 dB increments available)

HIGH PERFORMANCE



#### SPECIFICATIONS - HIGH PERFORMANCE

Attenuation Accuracy: 1-6 dB ± 0.3 dB

7-20 dB ± 0.5 dB

21-30 dB ± 1.0 dB

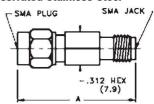
VSWR: 1.07+.015(f GHz) max

Power: 2 Watts Average @ +25 °C derated linearly

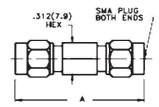
to .5 watts @ +125 °C and 200 Watts peak

Operating Temperature Range: -65 °C to +125 °C

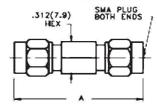
Finish: Passivated Stainless Steel



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



### **X-ON Electronics**

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