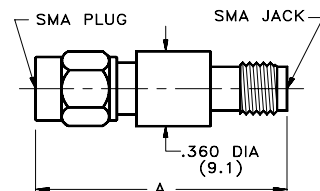


Attenuators

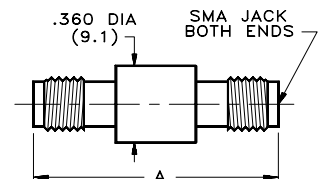
SMA Miniature Type

DC - 4.0 GHz	238 Series	Model Numbers
Male/Female	Female/Female	Male/Male
ATT-0238-XX-SMA-02	ATT-238F-XX-SMA-02	ATT-238M-XX-SMA-02
XX = Attenuation Value: Select 01-30dB in 1dB increments (.5 dB increments available) HIGH PERFORMANCE		



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

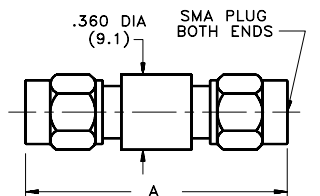
DC - 2.0 GHz	208 Series	Model Numbers
Male/Female	Female/Female	Male/Male
ATT-0208-XX-SMA-02	ATT-208F-XX-SMA-02	ATT-208M-XX-SMA-02
XX = Attenuation Value: Select 01-60dB in 1dB increments (.5 dB increments available) HIGH PERFORMANCE		



Attenuation Value	Length A
1-20 dB	1.07
21-60 dB	1.36

Low Cost - Inexpensive Types

DC - 18.0 GHz	333 Series	Model Numbers
Male/Female	Female/Female	Male/Male
ATT-0333-XX-SMA-02	ATT-333F-XX-SMA-02	ATT-333M-XX-SMA-02
XX = Attenuation Value: Select 01-60dB in 1dB increments LOW COST		



Attenuation Value	Length A
1-20 dB	1.33
21-60 dB	1.62

DC - 8.0 GHz	334 Series	Model Numbers
Male/Female	Female/Female	Male/Male
ATT-0334-XX-SMA-02	ATT-334F-XX-SMA-02	ATT-334M-XX-SMA-02
XX = Attenuation Value: Select 01-60dB in 1dB increments LOW COST		

SPECIFICATIONS - LOW COST

Attenuation Accuracy:

	DC - 12.4 GHz	12.4 - 18 GHz
1-4 dB	± 0.75 dB	± 0.75 dB
5-8 dB	± 0.75 dB	± 1.00 dB
9-12 dB	± 1.00 dB	± 1.25 dB 3 -
20 dB	± 1.50 dB	± 1.50 dB
21-40 dB	± 2.00 dB	± 2.00 dB
41-60 dB	± 2.50 dB	± 2.50 dB

VSWR:

1.25 max
1.45 max
1.65 max

Frequency (GHz)

DC - 4.0
4.0 - 12.4
12.4 - 18.0

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

Dimensions: Same as 263 Series

DC - 2.0 GHz	335 SeriesS	Model Numbers
Male/Female	Female/Female	Male/Male
ATT-0335-XX-SMA-02	ATT-335F-XX-SMA-02	ATT-335M-XX-SMA-02
XX = Attenuation Value: Select 01-60dB in 1dB increments LOW COST		

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