

# Attenuators

## SMA Subminiature "MINIPAD"®

### Round Body - Low Cost - Inexpensive Types

DC - 18.0 GHz		444 Series	Model Numbers
Male/Female	Female/Female		Male/Male
ATT-0444-XX-SMA-02	ATT-444F-XX-SMA-02		ATT-444M-XX-SMA-02
XX = Attenuation Value: Select 01-30dB in 1dB increments			
<i>LOW COST</i>			



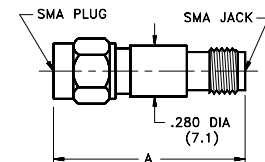
DC - 12.4 GHz		445 Series	Model Numbers
Male/Female	Female /Female		Male/Male
ATT-0445-XX-SMA-02	ATT-445F-XX-SMA-02		ATT-445M-XX-SMA-02
XX = Attenuation Value: Select 01-30dB in 1dB increments			
<i>LOW COST</i>			

### 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
13-20 dB	± 1.50 dB	± 1.50 dB
21-30 dB	± 2.00 dB	± 2.00 dB

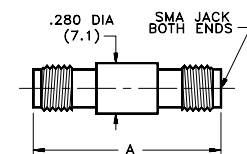
VSWR:	Frequency (GHz)	VSWR
	DC - 4.0	1.25 max
	4.0 - 12.4	1.45 max
	12.4 - 18.0	1.65 max



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

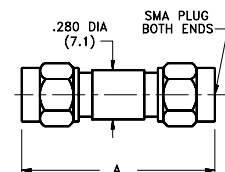
DC - 8.0 GHz		446 Series	Model Numbers
Male/Female	Female/Female		Male/Male
ATT-0446-XX-SMA-02	ATT-446F-XX-SMA-02		ATT-446M-XX-SMA-02
XX = Attenuation Value: Select 01-30dB in 1dB increments			
<i>LOW COST</i>			

DC - 4.0 GHz		447 Series	Model Numbers
Male/Female	Female/Female		Male/Male
ATT-0447-XX-SMA-02	ATT-447F-XX-SMA-02		ATT-447M-XX-SMA-02
XX = Attenuation Value: Select 01-30dB in 1dB increments			
<i>LOW COST</i>			



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

DC - 2.0 GHz		448 Series	Model Numbers
Male/Female	Female/Female		Male/Male
ATT-0448-XX-SMA-02	ATT-448F-XX-SMA-02		ATT-448M-XX-SMA-02
XX = Attenuation Value: Select 01-30dB in 1dB increments			
<i>LOW COST</i>			



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

Note: Low Cost Models are available in Hex Body - Designate by substituting "HEX" for "000" in Model No.

## X-ON Electronics

Largest Supplier of Electrical and Electronic Components

*Click to view similar products for [Attenuators - Interconnects](#) category:*

*Click to view products by [Bel Fuse](#) manufacturer:*

Other Similar products are found below :

[R411803119](#) [R413806115](#) [R413808000](#) [R413810115](#) [R413850115](#) [R414510000](#) [R414701000](#) [BNC-13](#) [R411800121](#) [R411801121](#)  
[R412412124](#) [R412450000](#) [R413800000](#) [R413805000](#) [R413830000](#) [R413840115](#) [R414730000](#) [R415420000](#) [R415703000](#) [R416010000](#)  
[R420003110](#) [R411801000](#) [R411815121](#) [R413305000](#) [R413801000](#) [R414520000](#) [R411808121](#) [R412500124](#) [R412414124](#) [R412501124](#)  
[HMC-C584](#) [R413802000](#) [R412400124](#) [R411700124](#) [R417310130](#) [R411801119](#) [R412419124](#) [R411703124](#) [R412401124](#) [R443131000](#)  
[R417130110](#) [R414700000](#) [R414505000](#) [R411802119](#) [R417720128](#) [R420706110](#) [R413811000](#) [R413803115](#) [R414501000](#) [R417903128](#)