

RF attenuator reduces the power level of an input RF signal. It is used to adjust the power level of input signals to protect the system.

With the features of low VSWR and high handling power, attenuators from ENRICHTEK are ideal for testing applications



N Male to N Female Attenuator					
Frequency Range	DC~18GHz				
Impedance	50Ω				
VSWR	1.2:1 (Max.)				
Input Power	2Watts Avg. @ 25°C				
Nominal ATTN (dB)	0	1~6	10	20	30
Deviation (dB)	+0.3	+0.3	±0.5	±0.5	±0.7

2.92mm Male to 2.92mm Female Attenuator					
Frequency Range	DC~40GHz				
Impedance	50Ω				
VSWR	1.25:1 (Max.)				
Input Power	2Watts Avg. @ 25°C				
Nominal ATTN (dB)	0	1~6	10	20	30
Deviation (dB) DC~26.5GHz	+0.3	+0.3	±0.5	±0.5	±0.7
Deviation (dB) 26.5~40GHz	+0.6	±0.8	±0.8	±0.8	±0.8

2.4mm Male to 2.4mm Female Attenuator	
Frequency Range	DC~50GHz
Impedance	50Ω
VSWR	1.25:1 (Max.)

Input Power	2Watts Avg. @ 25°C				
Nominal ATTN (dB)	0	1~6	10	20	30
Deviation (dB)	+0.3	±0.8	±0.8	±0.8	±0.8

SMA Male to SMA Female Attenuator					
Frequency Range	DC~26.5GHz				
Impedance	50Ω				
VSWR	1.25:1 (Max.)				
Input Power	2Watts Avg. @ 25°C				
Nominal ATTN (dB)	0	1~6	10	20	30
Deviation (dB)	+0.4	±0.5	±0.5	±0.7	±0.7

N Male to N Female 20W Bi-directional Attenuator							
Frequency Range	DC ~ 3GHz						
Directivity	Bi-directional						
Attenuation Value	3-6dB	10dB	20dB	30dB	40dB	50dB	60dB
Attenuation precision	±0.5dB	±0.8dB	±1.0dB	±1.2dB	±2.0dB	±2.5dB	±3.0dB
VSWR	≤1.20:1						
Average Power	20W						
Impedance	50Ω						

N Male to N Female 50W Bi-directional Attenuator							
Frequency Range	DC ~ 3GHz						
Directivity	Bi-directional						
Attenuation Value	3-6dB	10dB	20dB	30dB	40dB	50dB	60dB
Attenuation precision	±0.5dB	±0.8dB	±1.0dB	±1.2dB	±2.0dB	±2.5dB	±3.0dB
VSWR	≤1.20:1						
Average Power	50W						
Impedance	50Ω						

N Male to N Female 100W Bi-directional Attenuator(A)							
Frequency Range	DC ~ 3GHz						
Directivity	Bi-directional						
Attenuation Value	3-6dB	10dB	20dB	30dB	40dB	50dB	60dB
Attenuation precision	±0.5dB	±0.8dB	±1.0dB	±1.2dB	±2.0dB	±2.5dB	±3.0dB
VSWR	≤1.20:1						
Average Power	100W						
Impedance	50Ω						

**N Male to N Female 100W Bi-directional Attenuator(B)**

Frequency Range	DC ~ 3GHz						
Directivity	Bi-directional						
Attenuation Value	3-6dB	10dB	20dB	30dB	40dB	50dB	60dB
Attenuation precision	±0.5dB	±0.8dB	±1.0dB	±1.2dB	±2.0dB	±2.5dB	±3.0dB
VSWR	≤1.20:1						
Average Power	100W						
Impedance	50Ω						

**N Male to N Female 100W Bi-directional Attenuator(C)**

Frequency Range	DC ~ 3GHz						
Directivity	Bi-directional						
Attenuation Value	3-6dB	10dB	20dB	30dB	40dB	50dB	60dB
Attenuation precision	±0.5dB	±0.8dB	±1.0dB	±1.2dB	±2.0dB	±2.5dB	±3.0dB
VSWR	≤1.20:1						
Average Power	100W						
Impedance	50Ω						