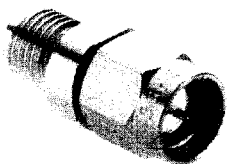


Passive Microwave Components

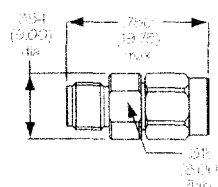
Coaxial Attenuators

A coaxial attenuator is a linear passive bidirectional transmission line component designed to be inserted between two coaxial lines in order to reduce the input power in a matched system by a predetermined ratio without otherwise disturbing the behavior of the equipment. The ratio of input to output power is expressed in logarithmic terms where 3 dB as a power ratio is 2, 6 dB is 100 and 30 dB is 1000 etc.... The power absorbed by an attenuator is returned to the environment in the form of heat.

SMA - 1 Watt



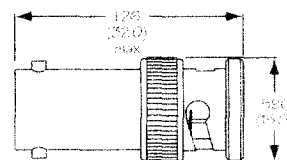
Part Number	Frequency Range (GHz)	Attenuation (dB)			V.S.W.R.		Power (W)		Weight (g)
		Nom.	DC-2	2-3	DC-2	2-3	Ave.	peak	
R411.803.124	DC-3	3	±0.7	±1.0	≤1.20	<1.30	1	100	5
R411.806.124	DC-3	6	±0.7	±1.0	≤1.20	<1.30	1	100	5
R411.810.124	DC-3	10	±0.7	±1.0	≤1.20	<1.30	1	100	5
R411.820.124	DC-3	20	±0.7	±1.0	≤1.20	<1.30	1	100	5



BNC - 1 Watt



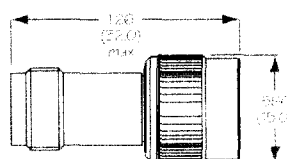
Part Number	Frequency Range (GHz)	Attenuation (dB)			V.S.W.R.		Power (W)		Weight (g)
		Nom.	DC-2	2-3	DC-2	2-3	Ave.	peak	
R412.403.124	DC-3	3	±0.3	±0.5	≤1.20	<1.30	1	100	17
R412.406.124	DC-3	6	±0.3	±0.5	≤1.20	<1.30	1	100	17
R412.410.124	DC-3	10	±0.3	±0.5	≤1.20	<1.30	1	100	17
R412.420.124	DC-3	20	±0.3	±0.5	≤1.20	<1.30	1	100	17



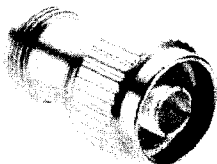
TNC - 1 Watt



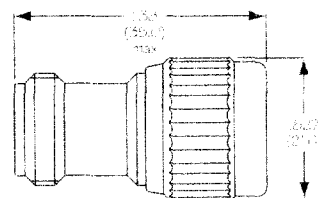
Part Number	Frequency Range (GHz)	Attenuation (dB)			V.S.W.R.		Power (W)		Weight (g)
		Nom.	DC-2	2-3	DC-2	2-3	Ave.	peak	
R412.503.124	DC-3	3	±0.3	±0.5	≤1.20	<1.30	1	100	17
R412.506.124	DC-3	6	±0.3	±0.5	≤1.20	<1.30	1	100	17
R412.510.124	DC-3	10	±0.3	±0.5	≤1.20	<1.30	1	100	17
R412.520.124	DC-3	20	±0.3	±0.5	≤1.20	<1.30	1	100	17



Type N - 1 Watt



Part Number	Frequency Range (GHz)	Attenuation (dB)			V.S.W.R.		Power (W)		Weight (g)
		Nom.	DC-2	2-3	DC-2	2-3	Ave.	peak	
R412.703.124	DC-3	3	±0.3	±0.5	≤1.20	<1.30	1	100	43
R412.706.124	DC-3	6	±0.3	±0.5	≤1.20	<1.30	1	100	43
R412.710.124	DC-3	10	±0.3	±0.5	≤1.20	<1.30	1	100	43
R412.720.124	DC-3	20	±0.3	±0.5	≤1.20	<1.30	1	100	43



For a complete listing of Radial Attenuators, request catalog D3 200 CE.