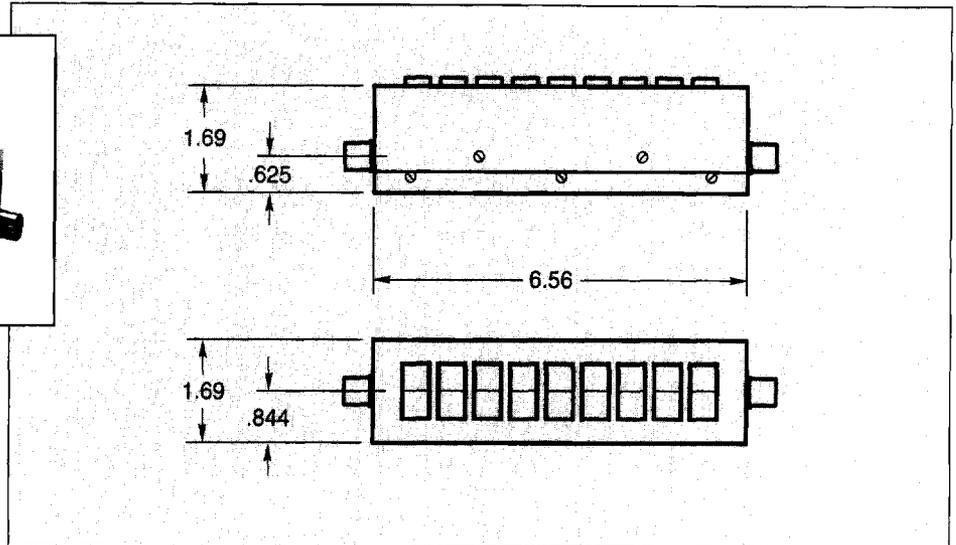


The SA series switch attenuators allow users to vary the attenuation both quickly and accurately in production, field, and benchtop applications. These types of attenuators provide excellent value considering the total dB range and step size. Four standard models offer a broad frequency range and are designed to provide years of rugged, reliable service.



Specifications	SA-50*	SA-70*	SA-58*	SA-78*
<b>Frequency Range</b>	DC-0.5 GHz	DC-0.5 GHz	DC-0.5 GHz	DC-0.5 GHz
<b>dB Value</b>	0 to 102 by 1 dB	0 to 102 by 1 dB	0 to 82.5 by 0.5 dB	0 to 82.5 by 0.5 dB
<b>Connectors</b>	BNC	BNC, F	BNC	BNC, F
<b>Impedance</b>	50 Ohms	75 Ohms	50 Ohms	75 Ohms
<b>VSWR</b>	1.2:1 to 0.5 GHz	1.3:1 to 0.5 GHz	1.2:1 to 0.5 GHz	1.3:1 to 0.5 GHz
<b>Accuracy (any combination)</b>	±0.5 dB to 0.03 GHz ±1 dB to 0.5 GHz	±0.5 dB to 0.03 GHz ±1 dB to 0.5 GHz	±0.5 dB to 0.03 GHz ±1 dB to 0.5 GHz	±0.5 dB to 0.03 GHz ±1 dB to 0.5 GHz
<b>Insertion Loss</b>	0.3 dB max. to 0.1 GHz 1.5 dB max. to 0.5 GHz	0.3 dB max. to 0.1 GHz 1.5 dB max. to 0.5 GHz	0.3 dB max. to 0.1 GHz 1.5 dB max. to 0.5 GHz	0.3 dB max. to 0.1 GHz 1.5 dB max. to 0.5 GHz
<b>Temperature</b>	-20° to +85°C	-20° to +85°C	-20° to +85°C	-20° to +85°C
<b>Average Power</b>	0.5 Watt (25°C)	0.5 Watt (25°C)	0.5 Watt (25°C)	0.5 Watt (25°C)
<b>Peak Power</b>	750 Watts, 3μSec. pulse			
<b>Housing</b>	Nickel Plated Steel	Nickel Plated Steel	Nickel Plated Steel	Nickel Plated Steel
<b>Weight</b>	20 ounces	20 ounces	20 ounces	20 ounces

\* Connector types should be included in model number.

**Note:** Specifications valid through rated frequency range of each model.

Example: SA-50 BNC