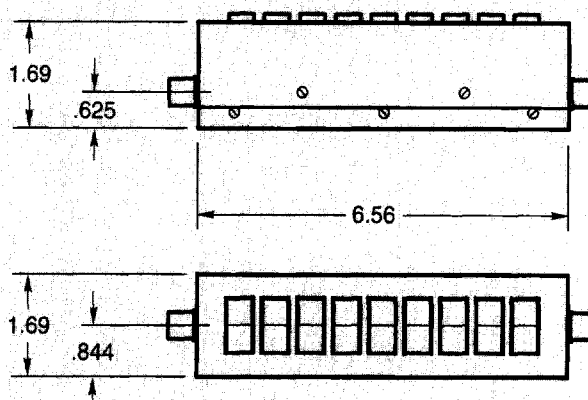


The SA series switch attenuators allow users to vary the attenuation both quickly and accurately in production, field, and benchtop applications. These types of attenuators provide excellent value considering the total dB range and step size. Four standard models offer a broad frequency range and are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



Specifications	SA-50*	SA-70*	SA-58*	SA-78*
Frequency Range	DC-0.5 GHz	DC-0.5 GHz	DC-0.5 GHz	DC-0.5 GHz
dB Value	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
Connectors	BNC	BNC, F	BNC	BNC, F
Impedance	50 Ohms	75 Ohms	50 Ohms	75 Ohms
VSWR	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
Accuracy (any combination)	±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
Insertion Loss	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
Temperature	-20° to +85°C	-20° to +85°C	-20° to +85°C	-20° to +85°C
Average Power	0.5 Watt (25°C)	0.5 Watt (25°C)	0.5 Watt (25°C)	0.5 Watt (25°C)
Peak Power	750 Watts, 3μSec. pulse	750 Watts, 3μSec. pulse	750 Watts, 3μSec. pulse	750 Watts, 3μSec. pulse
Housing	Nickel Plated Steel	Nickel Plated Steel	Nickel Plated Steel	Nickel Plated Steel
Weight	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