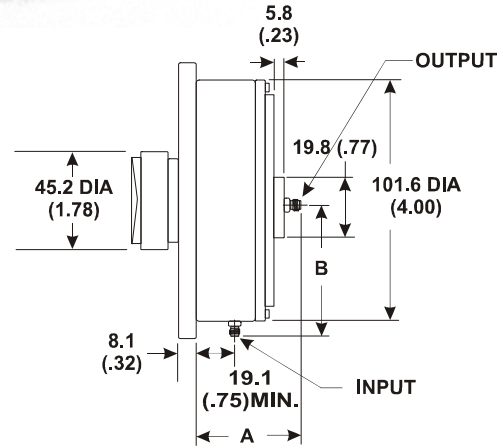
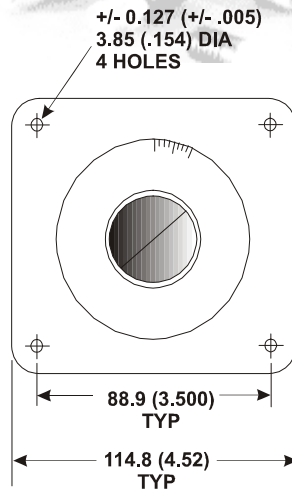
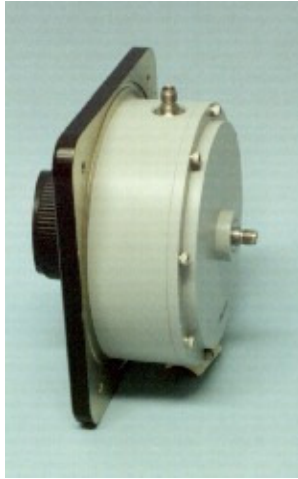


VARIABLE ATTENUATOR MODEL VA/02 & VA/04

DC – 2.0 GHz VA/02/100 and VA/02/114
 DC – 4.0 GHz VA/04/30 and VA/04/60

5 WATTS



Features

Type N or SMA connector options.

Minimum Insertion Loss: Range above zero-loss of 6 dB.

Specifications

Nominal Impedance: 50 ohms

Power Rating: 5 watts average, 0.5 kW peak, to 25°C ambient temperature, de-rated linearly to 0 watts at 85°C.

Temperature: Full power from 0° C to +25 ° C; de-rated linearly to 0W at + 85° C. 0° C to +85 °

Phase Shift with Change in Attenuation: 1° / dB x f (GHz) maximum

Frequency (GHz) / VSWR: See table below.

Model	GHz	Range dB	VSWR GHz		
			0 – 1	1 – 2	2 – 4
VA/04/30	DC - 4.0	30	1.50	1.60	1.80
VA/04/60	DC - 4.0	60	1.50	1.60	1.80
VA/02/100	DC - 2.0	100	1.50	1.60	—
VA/02/114	DC - 2.0	114	1.50	1.60	—

Accuracy:

VA/04/30: ± 0.25dB or 4% at 2 GHz

VA/04/60: ± 0.25dB or 4% at 2 GHz

VA/02/100: ± 0.5 dB or 1% at 1 GHz

VA/02/114: ± 0.5 dB or 1% at 1 GHz

Dial Calibration (in 1 dB increments):

VA/04/30 3 to 33 dB ~ 180° approx

VA/04/60 6 to 66 dB ~ 180° approx.

VA/02/100 6 to 106 dB ~ 270° approx

VA/02/114 6 to 120 dB ~ 285° approx.

Connectors: Type N, SMA stainless steel M/F connectors per MIL-STD-348A, interface dimensions mate non-destructively with MILC-39012.

Connector Option	Connector Type		DIM "A" mm (in.)	DIM "B" mm (in.)
	Input	Output		
-34	N Female	N Male	66.0 (2.6)	68.1 (2.68)
-44	N Male	N Male	66.0 (2.6)	71.9 (2.83)
-33	N Female	N Female	61.0 (2.4)	68.1 (2.68)
-12	SMA Female	SMA Male	55.6 (2.19)	58.2 (2.29)
-22	SMA Male	SMA Male	55.6 (2.19)	61.5 (2.42)
-11	SMA Female	SMA Female	52.3 (2.06)	58.2 (2.29)

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