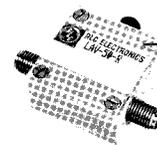


# DC To 1000 MHz Continuously Variable Coaxial Attenuators



RLC Electronics' Low Frequency Continuously Variable Coaxial Attenuators offer wide bandwidths for applications where continuous adjustment of signal level is required with low insertion loss and good impedance matching. Units are available for 50 ohm and 75 ohm applications with three different

mounting configurations and four connector options. Both models LAV-V and LAV-C are designed for optimum VSWR and flatness over the respective bands. The LAV-C is specifically for the cellular frequency range.

## Specifications

LAV<sup>1-2-3-4</sup>

Model Number	Frequency Range (MHz)	Attenuation Range (dB)(Min.)	VSWR (Max.)	Insertion Loss (dB) (Max)	Flatness
LAV-	DC – 250	18	1.30	.2	N/A
	250 – 450	17	1.50	.3	
	450 – 700	16	1.80	.5	
	700 – 1000	16	2.00	.7	
LAV-V-	DC – 200	18	1.25	.2	±.3 dB
LAV-C-	700 – 900	10	1.50	.5	±.3 dB

**Impedance:** 50 ohms, 75 ohms  
**Power Rating:** 1 watt  
**Connectors:** Type N, TNC, BNC, SMA Female

**Shaft:** Screwdriver adjust with optional shaft lock. Attenuation increases with counter clockwise rotation. Approximately 3.5 turns for maximum attenuation.

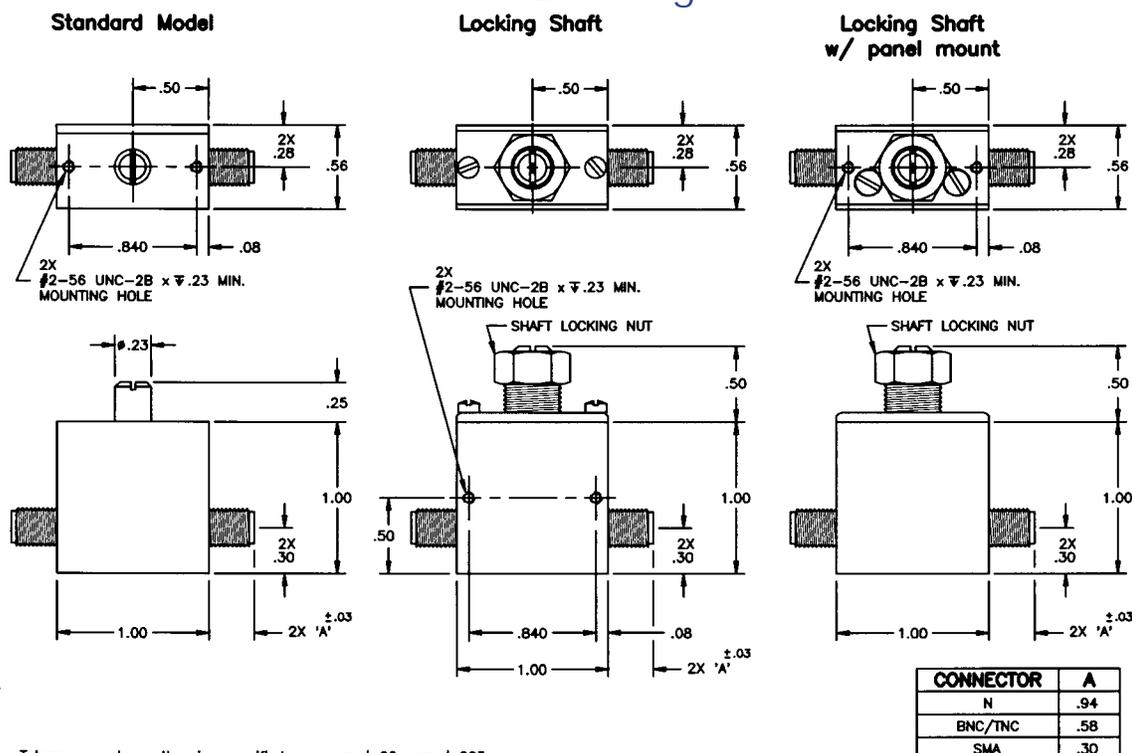
To designate the switch desired use:

(1) Blank, V, C, for model/frequency range  
 (2) 50, 75 for impedance

(3) N, T (TNC), B (BNC), R (SMA) for connectors  
 (4) L for locking shaft, LP for locking shaft with panel mount

Example: LAV-50-R-L is a DC-1000 MHz, 50 ohm attenuator with SMA connectors and a locking shaft

## Outline Drawing



Tolerances unless otherwise specified are: .xx ± .02, .xxx ± .005



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