

GENERAL DESCRIPTION

As an alternative to conventional DC motor control for remote operation, ARRA now offers stepper motor controlled components.

Brushless microstepping systems provide extremely fast and accurate positioning of ARRA's attenuators and phase shifters. Microprocessor based digital electronics offer complete control programming flexibility. The controls are easily interfaced with other equipment thru RS-232 and IEEE-488 communications as well as dedicated 5-24 VDC inputs and outputs.

Because stepper motors are brushless, there are no duty cycle constraints to worry about. Also, no motor maintenance is necessary.

Stepper motor systems are available in a variety of configurations ranging from fully packaged complete units to component level controls, drives, and motors.

Packages are available fitted to any coaxial single turn variable attenuator, many multi-turn attenuators and phase shifters in addition to waveguide components.

SAMPLE CONFIGURATIONS

