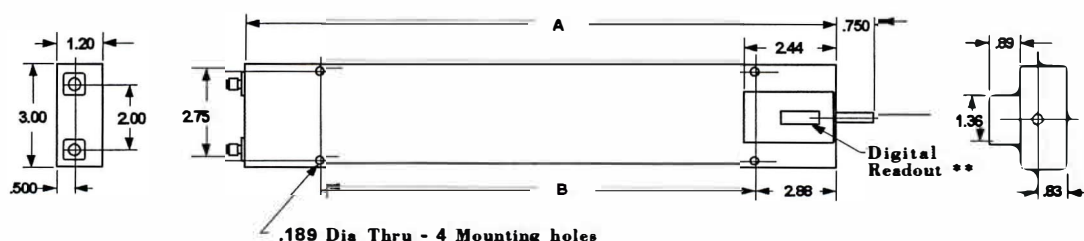


BROADBAND PHASE SHIFTERS

DC-2.0 GHz



GENERAL DESCRIPTION

Model 3428 Coaxial Phase Shifter has been added to ARRA's Broadband Phase Shifter Series in order to provide increased phase change capability at the low end of the microwave spectrum. Low insertion loss and low VSWR are maintained despite the longer length of travel. Phase change is controlled by means of a non-translating drive knob. A calibrated 5 digit readout ensures high resolution and reference indications. Repeatability and stability of phase setting result from precision design and manufacture.

GENERAL SPECIFICATIONS

Frequency Range	DC-2.0 GHz
Phase Adjustment	See below
VSWR (max)	1.3 to 2 GHz 16 Hz 1.5 to 1 GHz 26 Hz
Insertion Loss (max)	0.5 dB to 1 GHz 0.75 dB to 2 GHz
RF Power	100 Watts average 5 kW peak
Connectors *	SMA Female standard
Control	1/4 " Non-Translating
Material :	
Body	Aluminum
Connectors	Stainless Steel
Mounting Provisions	4 thru holes
Finish	ARRA Blue per MIL-C-22750

Frequency Range (GHz)	Insertion Delay (Approx) nsec	Min Phase Adjustment	Dimensions - Inches		Form Factor	Model No.*
			A	B		
DC-2.0	3.6 min 4.6 max	360°/ GHz	24.27	18.52	0-2015	3428A
DC-2.0	1.8 min 2.8 max	360°/ GHz	15.27	9.52	0-3030	3428B

* For other connectors, precede model number with type required. Ex: N3428A.

** Calibrated digital readout is standard on Model 3428A, optional on 3428B. Precede model number with D. Ex: DN3428B.