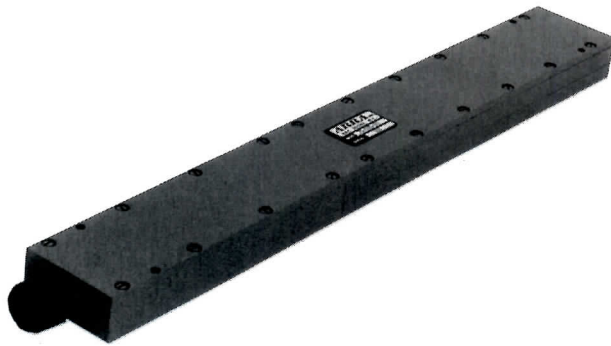
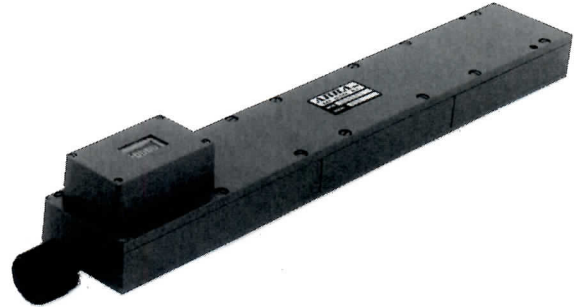


BROADBAND PHASE SHIFTERS

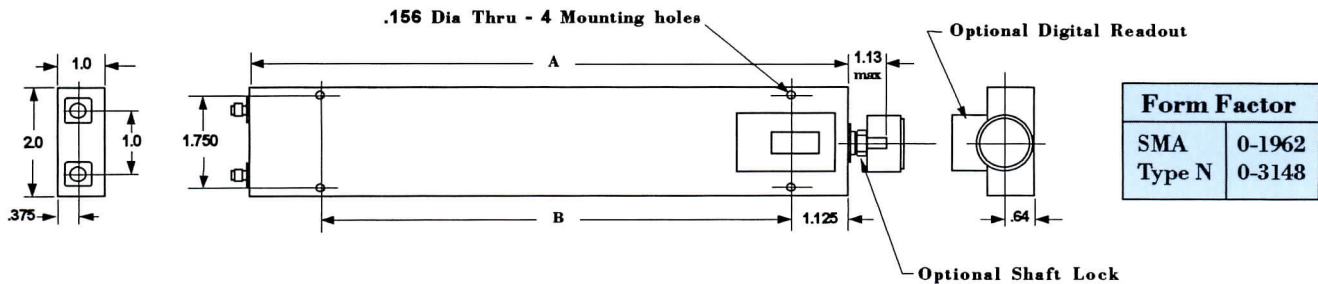
DC-4.0 GHz



Model N4428D



Model D4428C



GENERAL SPECIFICATIONS

Frequency Range	DC-4 GHz	Connectors *	SMA Female standard
Phase Adjustment	See below	Control	1/4 " Non-Translating
VSWR (max)	1.3 to 2GHz	Material :	
	1.5 to 4GHz	Body	Aluminum
Ins Loss (max)	0.5 dB to 2GHz	Connectors	MIL-C-39012
	0.75 dB to 4 GHz	Mounting Provisions	4 thru holes
RF Power	100 Watts average	Finish	ARRA Blue per MIL-C-22750
	5 kW peak		

Frequency Range (GHz)	Insertion Delay (Approx) nsec	Min Phase Adjustment	Dimensions - Inches		Model No.**
			A	B	
DC-4.0	2.0 min 2.63 max	225° / GHz 360° at 1.6 GHz	15.0	12.75	4428D
DC-4.0	1.7 min 2.2 max	180° / GHz 360° at 2.0 GHz	12.0	9.75	4428C

* For other connectors, precede model number with type required. Ex: N4428D

** For shaft lock, precede model number with L. Ex: LN4428C

For calibrated digital readout, precede model number with D. Ex: DLN4428D

(Digital Readout in 0.1° increments. Calibration accuracy ±0.7°/GHz over 225° change.)