

Phase Shifters

Line Stretcher Type

55° Field Adjustable Phase Shift

- Frequency Range - 1.20 - 1.40 GHz
- Maximum Insertion Loss - 0.2 dB
- Maximum VSWR - 1.15:1
- Rugged Construction

This low frequency, narrow band Line Stretcher type Phase Shifter was designed to provide maximum performance while providing very low VSWR and insertion loss. It is a small, lightweight, ruggedly constructed unit that consistently performs its phase adjustment function through the use of a smooth, continuous, drive mechanism that internally translates a trombone type telescoping line extender that allows precise field phase adjustment and also provides a firm locking arrangement.



SPECIFICATIONS

Frequency Range: 1.20 - 1.40 GHz

Impedance: 50 Ohms

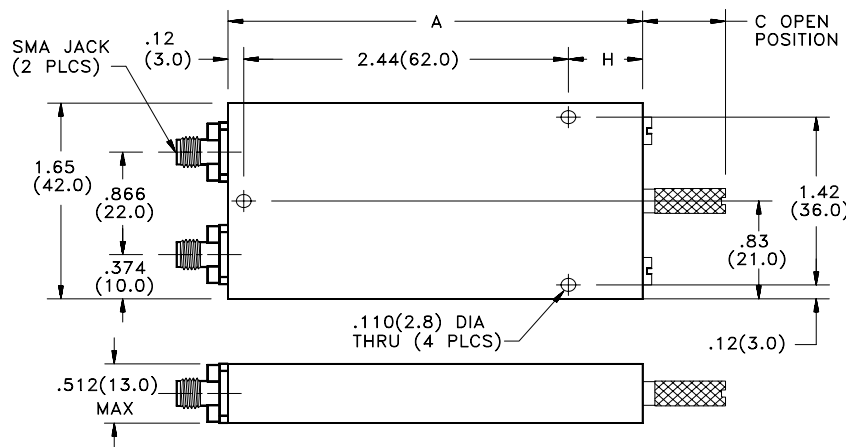
VSWR: 1.15:1 max

Insertion Loss: 0.2 dB max

Power: 2 Watts average, 2 Watts Peak

Operating Temperature: -55 °C - +125 °C

Connectors: Passivated Stainless Steel SMA Female*



Frequency (GHz)	Model Number	Phase Shift (deg)	VSWR	Insertion Loss	Dimensions - in (mm)			Weight	
					A	C	H	oz	gm
1.2-1.4	PHS-9901-FF-SMA-79	55	1.15	0.2	3.12 (79.3)	.663 (16.8)	.556 (14.1)	2.5	71.4

Note: SMA male, TNC, or Type N output connectors, either male or female, are also available by substituting TNC or NNN for SMA in the Model Number. If an interface gender change is desired, substitute MM or MF for FF in the Model Number. Please note that the housing thickness will increase accordingly when larger connectors are selected.