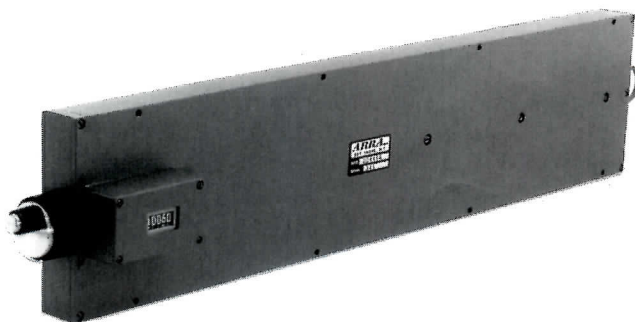


MULTI-LINE PHASE SHIFTERS

DC-2.0 GHz



Model 2448A



Model 3448B

GENERAL DESCRIPTION

These models utilize a multilane "open trough" design in which only the center conductor's length is varied to achieve phase change. This design combines high reliability with small package size and long delay adjustments.

An optional digital readout is available, calibrated directly for degrees at 1 GHz. Readings at other frequencies are obtained by multiplying phase readout by frequency in GHz. Resolution is 0.1° and accuracy is ±0.5°/GHz on Model 3448B and ±1.5°/GHz for Model 2448A.

GENERAL SPECIFICATIONS

Frequency Range:

Model 2448A DC-1.0 GHz

Model 3448B DC-2.0 GHz

Phase Adjustment See table

VSWR (max):

Model 2448A 1.3 to 0.5 GHz

1.5 to 1.0 GHz

Model 3448B 1.3 to 1.0 GHz

1.5 to 2.0 GHz

Ins Loss (max):

Model 2448A 0.5 dB to 0.5 GHz

0.75 dB to 1.0 GHz

Model 3448B 0.5 dB to 1.0 GHz

0.75 dB to 2.0 GHz

RF Power 100 Watts average
5 kW peak

Connectors * SMA Female standard
Control 1/4" Non-Translating

Mounting Provisions 8 thru holes-Form 0-3210
4 thru holes-Form 0-3213

Material:

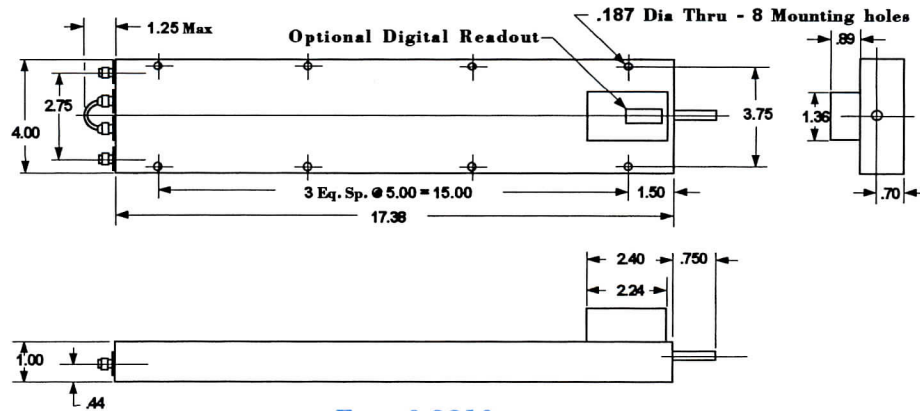
Body Aluminum

Connectors MIL-C-39012

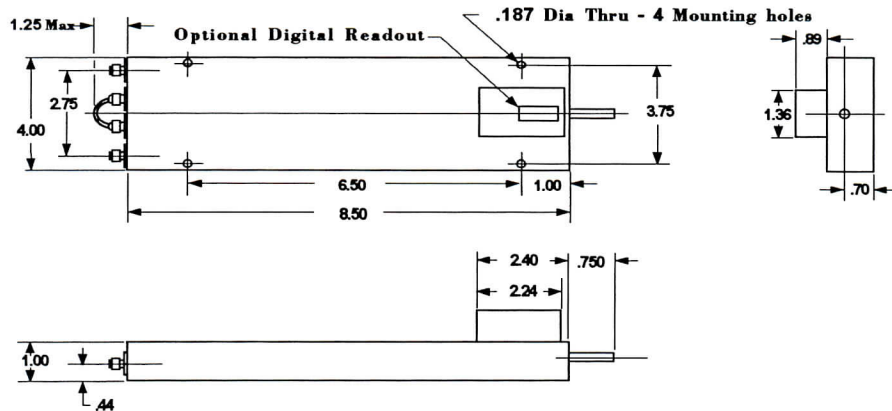
Finish ARRA Blue per
MIL-C-22750

MULTI-LINE PHASE SHIFTERS

DC-2.0 GHz



Form 0-3210



Form 0-3213

Frequency Range (GHz)	Insertion Delay (Approx) nsec	Min Phase Adjustment	Form Factor	Model No.*
DC-1.0	3.75 min 6.25 max	900°/ GHz	0-3210	2448A
DC-2.0	2.2 min 3.2 max	360°/ GHz	0-3213	3448B

* For Type N Female connectors, precede model number with N. Ex: N2448A
For digital readout option, precede model number with D. Ex: DN2448A