

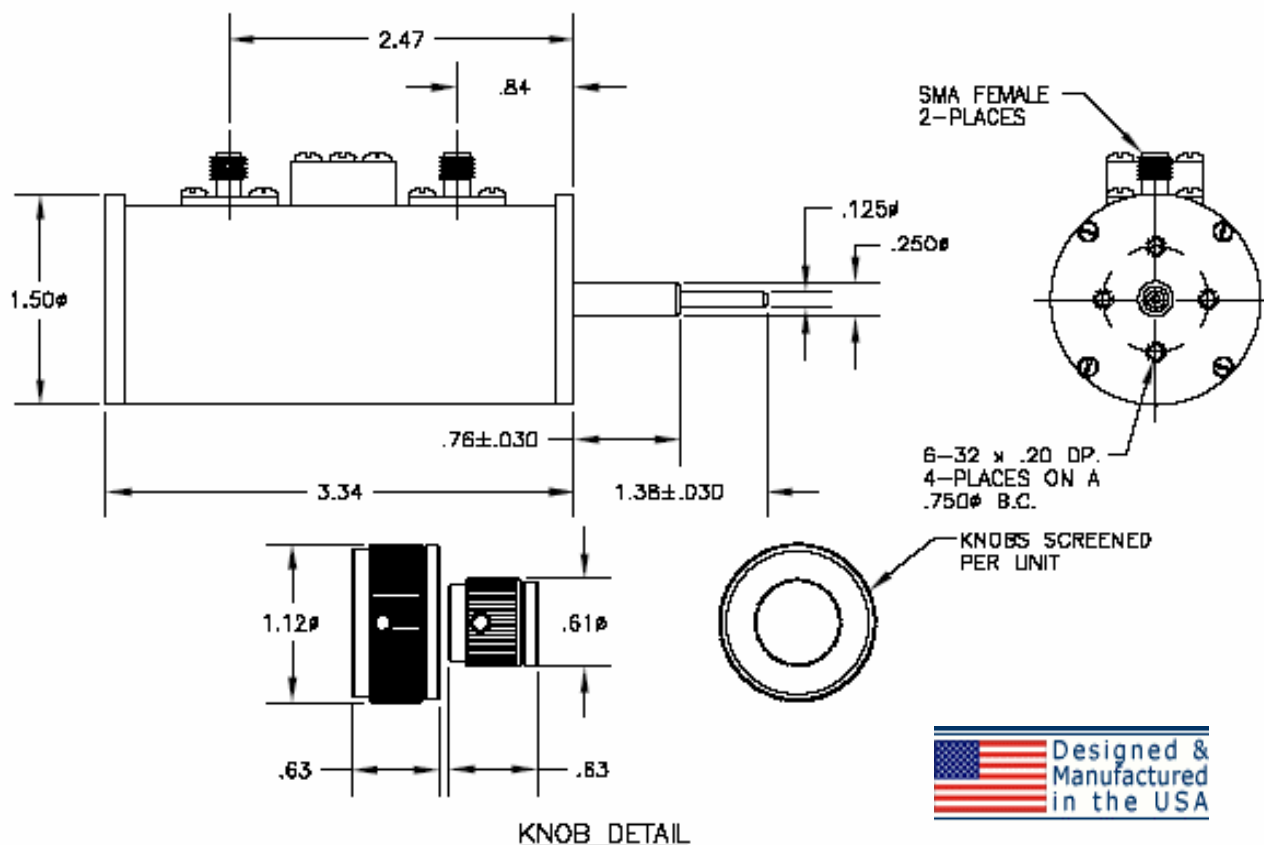
## VARIABLE ATTENUATOR

MODEL : DUAL ROTARY 50DR-055, 50DR-060, 50DR-063

Model	Frequency Range	Attenuation Range	Attenuation Accuracy	VSWR	Insertion Loss
50DR-055	DC-2000 MHz	0-30 dB in 1 dB steps	+/- .25 dB maximum or 2% DC-1000 MHz +/- .4 dB maximum or 3% 1000-2000 MHz	1.3:1 maximum DC-1000 MHz 1.5:1 maximum 1000-2000 MHz	.8 dB maximum
50DR-060	DC-2000 MHz	0-11 dB in .1 dB steps	+/- .05 dB maximum .1dB steps DC-1100 MHz +/- .08 dB maximum .1dB steps 1100-2000 MHz +/- .2 dB maximum 1dB steps DC-1100 MHz +/- .4 dB maximum 1dB steps 1100-2000 MHz	1.3:1 maximum DC-1100 MHz 1.5:1 maximum 1100-2000 MHz	1 dB maximum DC-1100 MHz 1.25 dB maximum 1100-2000 MHz
50DR-063	DC-1100 MHz	0-50 dB in 1 dB steps	+/- .2 dB maximum DC-250 MHz +/- .5 dB maximum 250-500 MHz +/- 1 dB maximum 500-1100 MHz	1.1:1 maximum DC-250 MHz 1.2:1 maximum 250-500 MHz 1.4:1 maximum 500-1100 MHz	.5 dB maximum

### Common Specifications

Impedance	RF Input Power	Operating Temperature	Standard Rotation	Indexing	RF Connector
50 Ohms	2 Watts average 1000 Watts peak	-20° C to +85° C	Attenuation increases in clockwise direction	30 degrees with stops at minimum and maximum	BNC, N, SMA or TNC female

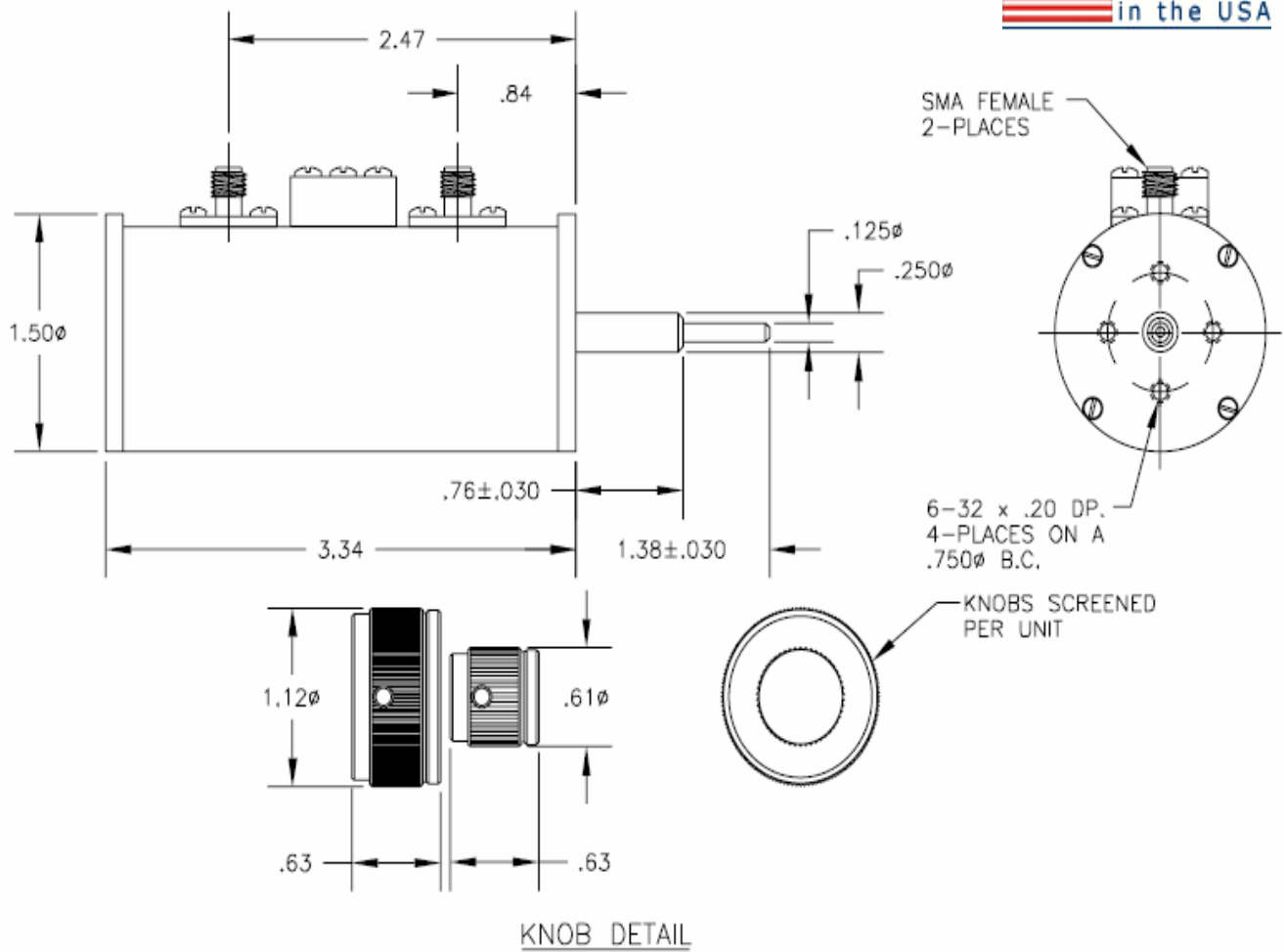


## VARIABLE ATTENUATOR

MODEL : DUAL ROTARY 50DR-096

Model	Frequency Range	Attenuation Range	Attenuation Accuracy	VSWR	Insertion Loss
50DR-096	DC-3000 MHz	0-30 dB in 1 dB steps	+/- .25 dB or 2 % DC-1000 MHz +/- .4 dB or 3% 1000-2000 MHz +/- .5 dB or 4% 2000-3000 MHz	1.4:1 to 1000 MHz 1.5:1 to 2000 MHz 1.7:1 to 3000 MHz	1 dB maximum

Impedance	RF Input Power	Operating Temperature	Standard Rotation	Indexing	RF Connectors
50 Ohms	2 Watts average 1000 Watts peak	-20° C to +85° C	Attenuation increases in clockwise direction	30 degrees with stops at minimum and maximum	N, SMA and TNC female



## VARIABLE ATTENUATOR

MODEL : DUAL ROTARY 50DR-046



Frequency Range	DC-2500 MHz
Impedance	50 Ohms nominal
Attenuation Range	0-50 dB in 1 dB steps
VSWR	1.2:1 maximum DC-500 MHz 1.4:1 maximum 500-1000 MHz 1.5:1 maximum 1000-2500 MHz
Insertion Loss	0.5 dB maximum DC-1000 MHz 1.0 dB maximum 1000-2500 MHz
Attenuation Accuracy	± 0.2 dB or 1% DC-500 MHz ± 0.3 dB or 3% 500-1000 MHz ± 0.4 dB or 3% 1000-2500 MHz
RF Input Power	2 Watts average 1000 Watts peak
Direction of Rotation	Attenuation increases in a Clockwise direction
Indexing	30 degrees with stops at Minimum and maximum
RF Connector	BNC, TNC, N or SMA female
Operating Temperature Range	-20°C to +85°C

