

SPECIFICATION SHEET

JFW MODEL 50DR-001

DUAL ROTARY ATTENUATOR

JFW Industries, Inc.
Phone: 317-887-1340
sales@jfwindustries.com
www.jfwindustries.com

Frequency Range DC-1000 MHz

Impedance 50 Ohms nominal

Attenuation Range 0-110 dB in 1 dB steps

VSWR 1.2:1 maximum DC-500 MHz
1.4:1 maximum 500-1000 MHz

Insertion Loss 0.5 dB maximum

Attenuation Accuracy ± 0.2 dB or 1% DC-500 MHz
 ± 0.3 dB or 2% 500-1000 MHz
(whichever is greater)

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, SMA, TNC, N or RPT female
RPT female = Reverse Polarity TNC female
(female body/male pin)

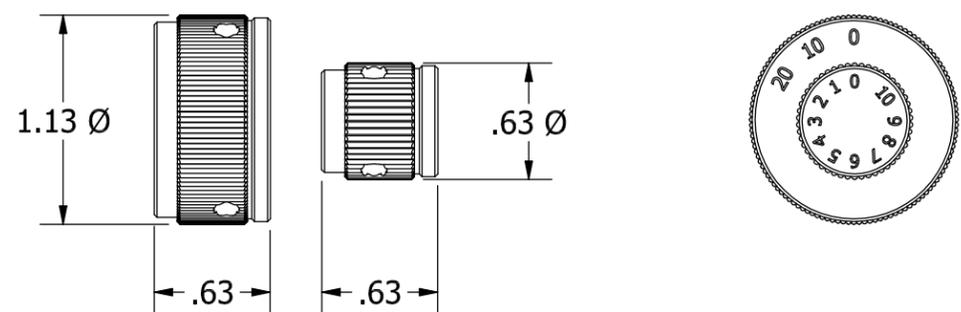
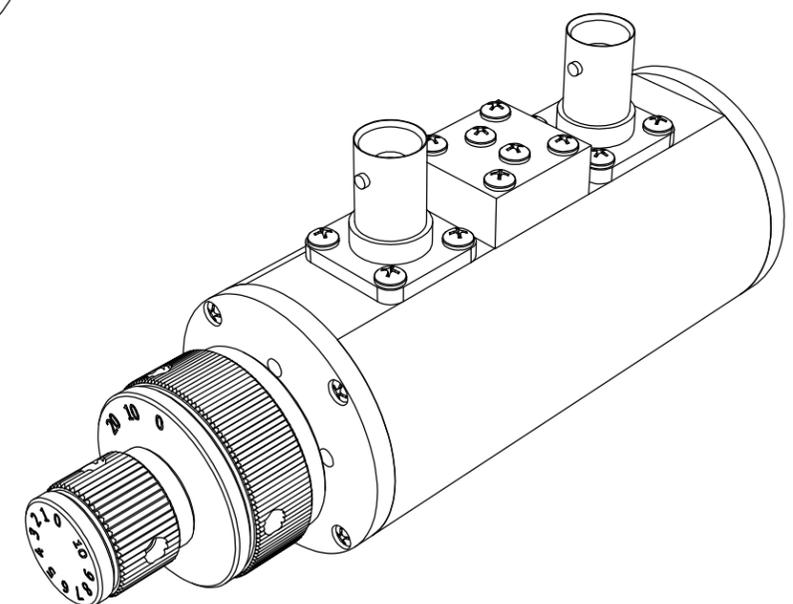
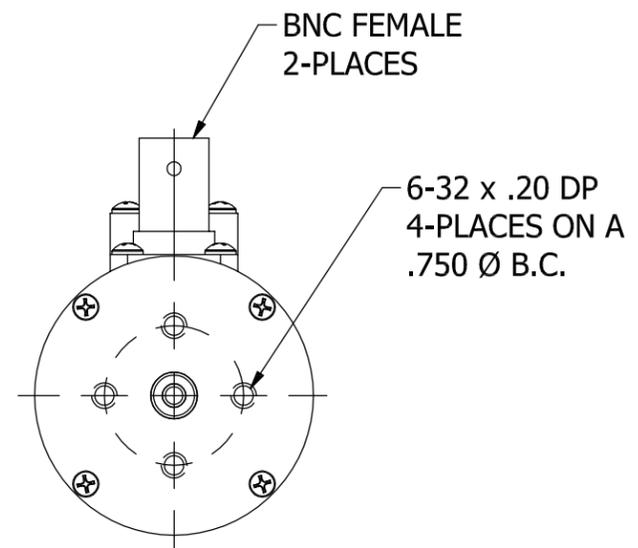
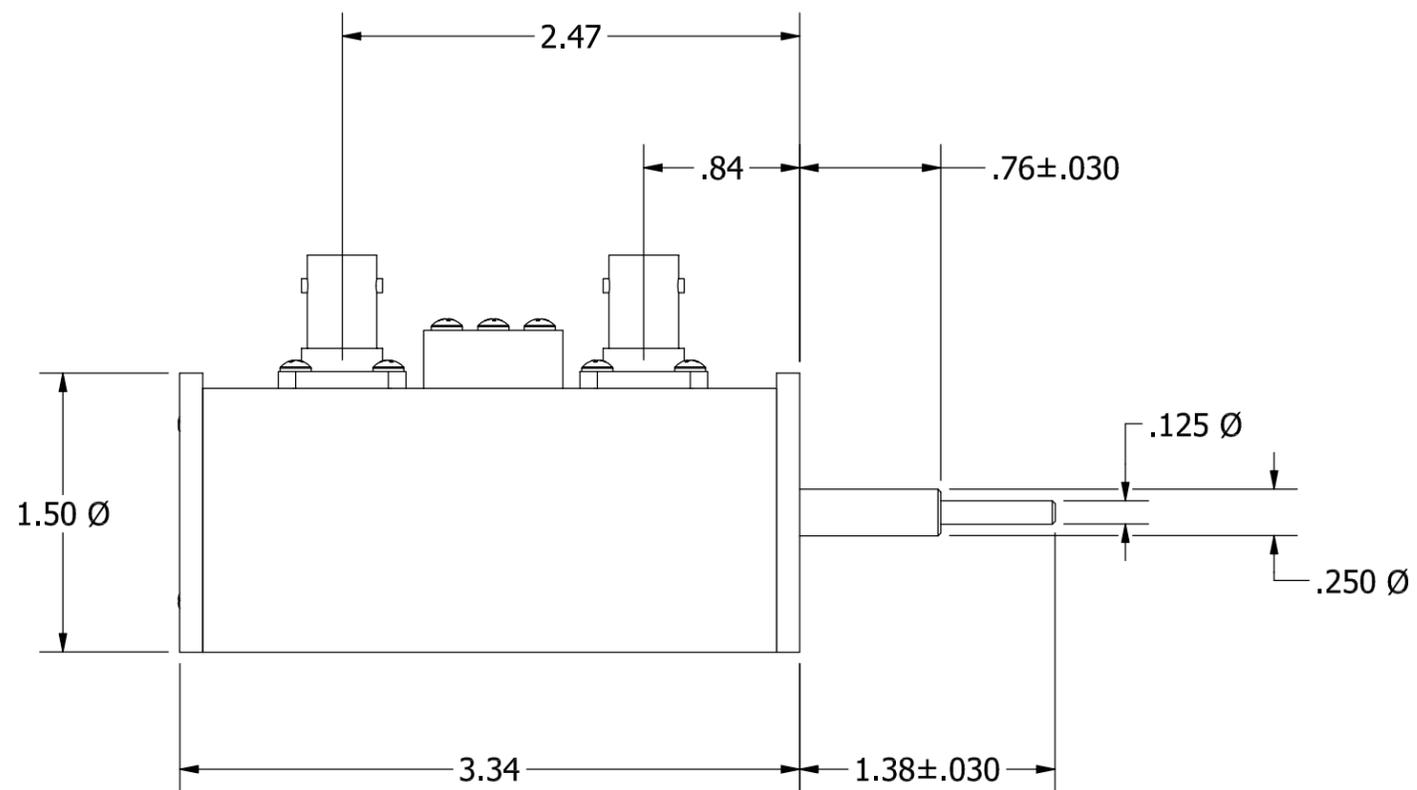
Temperature Range -20°C to +85°C (operating)
-55°C to +125°C (storage)

Lifetime 500,000 attenuation steps (each knob)

Knob/Panel Mounting Drawing 092-8435-02

Outline Drawings 092-1513-01 (50DR-001 BNC)
092-327-01 (50DR-001 N)
092-440-01 (50DR-001 SMA)

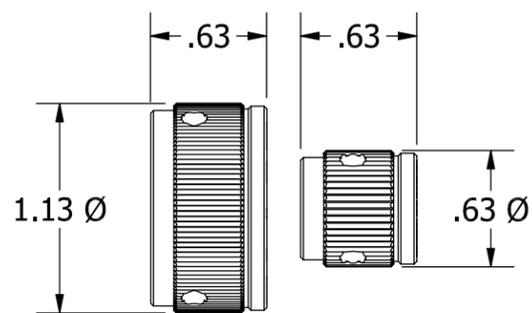
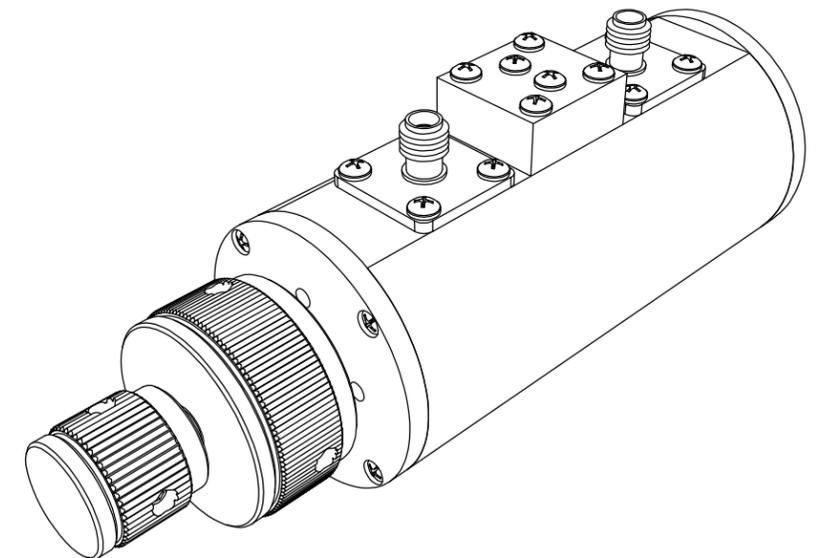
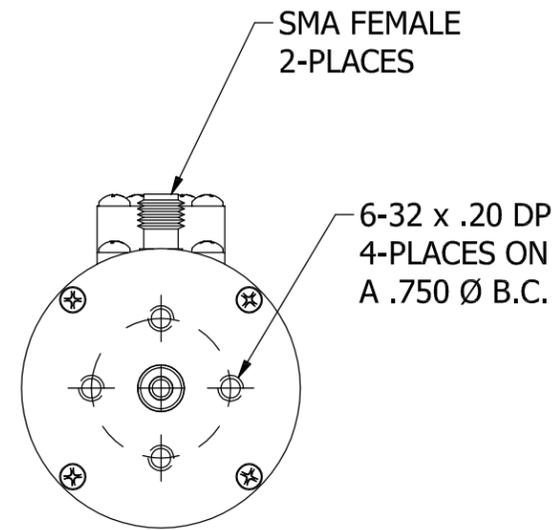
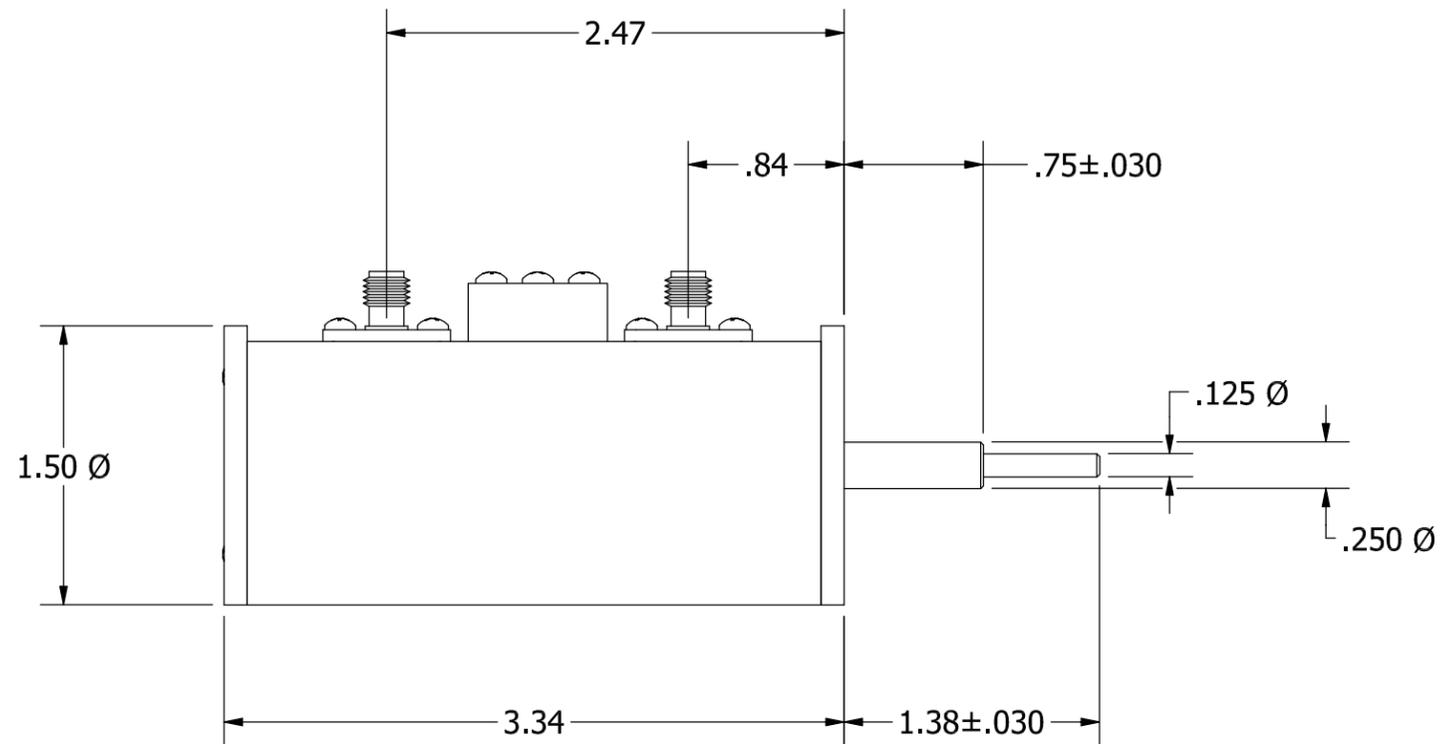
ECR/ECN #	DATE	REV	APPR / DATE	ECR/ECN #	DATE	REV	APPR / DATE
9999	05/06/2003	B	BAC 02/05/2004	28157	10/05/2017	F	TRS 10/05/2017
17251	05/26/2009	D	TRS 05/26/2009	28576	03/08/2018	G	TRS 03/08/2018
25776	09/29/2015	E	TRS 09/29/2015	28741	05/11/2018	H	TRS 05/11/2018



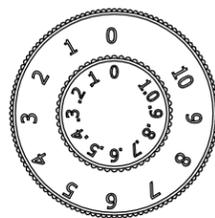
KNOB DETAIL

REV	ECN	DATE	BY	APPR
-	ISSUED	4-9-08	TEZ	TRS
A	24444	9-17-15	JZ	TEZ

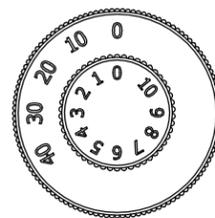
		JFW INDUSTRIES, INC. www.jfwindustries.com		PH: 317-887-1340
		MATERIAL ALUMINUM ALLOY		PROPRIETARY INFORMATION
FINISH CHEMFILM TCP		MODEL 50DR-XXX		SCALE FULL
DESCRIPTION 0-30dB ROTARY ATTEN.		TOLERANCES .XX±.010 .XXX±.005 XX°±.5°		DWG # 092-5760



KNOB DETAIL



0-11 x 0.1 MODELS



0-50 x 1 MODELS

REV	ECN	DATE	BY	APPR		
-	ISSUED	11-2-92	TEZ	FDW		
A	3934	4-15-93	TEZ	FDW		
B	6166	1-19-00	TEZ	FDW		
C	6594	1-24-01	CDJ	TEZ		
D	6750	6-11-01	CDJ	TEZ		
E	12635	4-20-06	ETW	TEZ		
F	23329	10-3-13	JZ	TEZ		
G	24444	11-24-15	JZ	TEZ		
					JFW INDUSTRIES, INC.	
					<i>www.jfwindustries.com</i> PH: 317-887-1340	
					MATERIAL	ALUMINUM ALLOY
					FINISH	CHEMFILM TCP
					MODEL	50DR-XXX
					SCALE	FULL
					DESCRIPTION	ROTARY ATTENUATOR
					PROPRIETARY INFORMATION ALL SURFACES ARE TO BE FREE OF BURRS, PITS & SCRATCHES TOLERANCES .XX±.010 .XXX±.005 XX°±.5° DWG #	
					092-1919	

