

**SPECIFICATION SHEET**

**JFW MODEL 50R-019**

**ROTARY ATTENUATOR**

JFW Industries, Inc.  
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Frequency Range DC-2200 MHz

Impedance 50 Ohms nominal

Attenuation Range 0-10 dB in 1 dB steps

VSWR 1.2:1 maximum DC-1000 MHz  
1.4:1 maximum 1000-2200 MHz

Insertion Loss 0.2 dB maximum DC-1000 MHz  
0.4 dB maximum 1000-2200 MHz

Attenuation Accuracy ± 0.2 dB maximum DC-1000 MHz  
± 0.4 dB maximum 1000-2200 MHz

RF Input Power 2 Watts average  
1000 Watts peak (1 usec pulse)

Direction of Rotation Attenuation increases in a Clockwise direction

Indexing 30 degrees with stops at Minimum and maximum

RF Connector BNC, SMA, N/SMA, TNC or RPT female  
  
(RPT = Two Reverse Polarity TNC female)  
(N/SMA = One N female/One SMA female)

Operating Temperature Range -20°C to +85°C

Physical Size See outline drawings  
092-427 (50R-019 BNC)  
092-039 (50R-019 SMA)  
092-6194 (50R-019 N/SMA)  
092-049-01 (50R-019 BNC/SMA)  
092-049-02 (50R-019 TNC/SMA)

ECR/ECN #	DATE	REV	APPR / DATE	ECR/ECN #	DATE	REV	APPR / DATE
	02/22/2001			17378	07/02/2009	C	TRS 07/02/2009
2638	03/23/2001	A		18056	01/06/2010	D	TRS 01/06/2010
9999	04/21/2003	B	BAC 11/15/2005				