

**SPECIFICATION SHEET**  
**JFW MODEL 50FP-XXX-H2**  
**FIXED ATTENUATOR**

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

Frequency Range DC-2000 MHz

Impedance 50 Ohms nominal

Attenuation Values 1 through 65 dB in any 1 dB increment

VSWR 1.1:1 maximum DC-500 MHz  
 1.3:1 maximum 500-2000 MHz

Attenuation Accuracy (1-30dB) ± 0.3 dB or 2% DC-2000 MHz  
 (31-65dB) ± 0.4 dB DC-500 MHz  
 ± 0.8 dB 500-1000 MHz  
 ± 1.0 dB 1000-2000 MHz

RF Input Power 2 Watts average @ +25°C  
 Derate to 1 Watt +85°C

Peak Power 1000 Watts (1 microsecond pulse)

RF Connector BNC, N, SMA, TNC, 4.3-10.0, 7/16 or Reverse  
 Polarity TNC

Operating Temperature Range -55°C to +100°C

Physical Size Outline Drawings for 1-30dB:  
 -----  
 092-429 (BNC)  
 092-1324-01 (SMA)  
 092-1324-02 (SMA M/M)  
 092-1324-03 (SMA F/F)  
 092-2647 (7/16)  
 092-4159 (N)  
 092-4160 (TNC & RPT)  
 092-6079 (N fe/fe)  
 092-8100 (BNC, N, SMA, TNC)  
 092-9073 (4.3-10.0)

Outline Drawings for 31-65dB:  
 -----  
 092-1393 (TNC, RPT)  
 092-2011 (N)  
 092-3866 (SMA)  
 092-4161 (BNC)  
 092-8100 (BNC, N, SMA, TNC)

ECR/ECN #	DATE	REV	APPR / DATE	ECR/ECN #	DATE	REV	APPR / DATE
11539	07/28/2005	I	SL 07/25/2005	22406	01/18/2013	L	BAC 01/18/2013
14326	06/27/2007	J	SL 06/27/2007	24559	09/24/2014	M	TRS 09/24/2014
16787	02/02/2009	K	SMR 02/02/2009	28786	06/01/2018	N	CLK 06/01/2018