

**SPECIFICATION SHEET**

**JFW MODEL 50RF-037**

**RF FUSEHOLDER**

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

Frequency Range DC-1000 MHz

Impedance 50 Ohms nominal

VSWR  
 1.5:1 maximum DC-500 MHz  
 1.6:1 maximum 500-1000 MHz  
 (with 1/16 Amp fuse)

1.2:1 maximum DC-500 MHz  
 1.4:1 maximum 500-1000 MHz  
 (with 1/8 ,1/4, 3/8 and 1/2 Amp fuse)

Insertion Loss  
 2.0 dB maximum (1/16 Amp fuse)  
 0.5 dB maximum (1/8 Amp fuse)  
 0.3 dB maximum (1/4 Amp fuse)  
 0.3 dB maximum (3/8 Amp fuse)  
 0.3 dB maximum (1/2 Amp fuse)

RF Fusing Level  
 +23 dBm (195 mW) (1/16 Amp fuse)  
 +29 dBm (785 mW) (1/8 Amp fuse)  
 +35 dBm (3.13 W) (1/4 Amp fuse)  
 +38 dBm (7.03 W) (3/8 Amp fuse)  
 +40 dBm (12.5 W) (1/2 Amp fuse)

Fuse Rating  
 At 100% of rated current:  
 4 hours minimum

At 200% of rated current:  
 1/16 A 1 sec max (0.015 sec typical)  
 1/8 A 1 sec max (0.04 sec typical)  
 1/4 A 1 sec max (0.1 sec typical)  
 3/8 A 1 sec max (0.2 sec typical)  
 1/2 A 1 sec max (0.4 sec typical)

RF Connector N male/female

Physical Size See outline drawing 092-5146

ECR/ECN #	DATE	REV	APPR / DATE	ECR/ECN #	DATE	REV	APPR / DATE
	11/15/2006		CLK 11/15/2006				
17164	05/01/2009	A	SMR 05/01/2009				