SPECIFICATION SHEET
JFW MODEL 50D-052
DETECTOR

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

Frequency Range	1-3000 MHz
Impedance	50 Ohms nominal
VSWR	1.2:1 maximum 1-1000 MHz 1.3:1 maximum 1000-2000 MHz 1.4:1 maximum 2000-3000 MHz
Flatness	± 0.2 dB 1-500 MHz ± 0.3 dB 500-2000 MHz ± 0.5 dB 2000-3000 MHz
Typical Sensitivity	
(-20 dBm)	0.006 V
(-10 dBm)	0.050 V
(0 dBm)	0.220 V
(+10 dBm)	0.840 V
(+20 dBm)	2.650 V
Output Capacitance	1000 pF nominal
DC Ouput Polarity	Positive or Negative (customer to specify)
RF Input Power	100 mW
RF Input Connector	TNC, N, BNC or SMA male
DC Output Connector	TNC, SMA, BNC or N female
Operating Temperature Range	-40°C to +85°C
Physical Size	See outline drawing: 092-5251 (N M / BNC F) 092-5252 (BNC M / BNC F) 092-5402 (SMA M / BNC F)

ECR/ECN #	DATE	REV	APPR / DATE	ECR/ECN #	DATE	REV	APPR / DATE
	11/20/2006		CLK 11/20/2006				
14148	05/02/2007	A	CLK 05/02/2007				
15350	02/11/2008	B	CLK 02/11/2008				