

SPECIFICATION SHEET**JFW MODEL 50D-050****DETECTOR**

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Frequency Range	1-1000 MHz
Impedance	50 Ohms nominal
VSWR	1.2:1 maximum 1-1000 MHz
Flatness	± 0.2 dB
Typical Output Voltage	
(-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 Output Polarity	Positive or Negative (customer to specify)
RF Input Power	100 mW maximum
RF Input Connector	BNC, TNC, N or SMA male or female
DC Output Connector	BNC, TNC, N, or SMA female
Operating Temperature Range	-40°C to +85°C
Storage Temperature Range	-55°C to +85°C
Humidity	0 to 95% (Non-Condensing)
Outline Drawing Numbers	092-3134 (Connector Chart) 092-5252 (BNC M / BNC F) 092-5251 (N M / BNC F) 092-5402 (SMA M / BNC F) 092-4276 (SMA M / SMA F)

ECR/ECN #	DATE	REV	APPR / DATE	ECR/ECN #	DATE	REV	APPR / DATE
15350	02/11/2008	B	CLK 02/11/2008	23449	11/11/2013	E	BAC 11/11/2013
18130	01/19/2010	C	SMR 01/19/2010	26700	06/08/2016	F	CLK 06/08/2016
23218	09/05/2013	D	BAC 09/05/2013	27494	01/23/2017	G	TRS 01/23/2017