

SPECIFICATION SHEET**JFW MODEL 50D-051****DETECTOR**

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Frequency Range 1-2000 MHz

Impedance 50 Ohms nominal

VSWR 1.2:1 maximum 1-1000 MHz
1.3:1 maximum 1000-2000 MHz

Flatness ± 0.3 dB

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

DC Output Polarity Positive or Negative
(customer to specify)

RF Input Power 100 mW maximum

RF Input Connector 7/16, BNC, TNC, SMA or N male

DC Output Connector BNC, TNC, SMA or N Female

Operating Temperature Range -40°C to +85°C

Storage Temperature Range -55°C to +85°C

Humidity 0 to 95% (Non-Condensing)

Physical Size See outline drawing

092-5252 (BNC M / BNC F)
092-5251 (N M / BNC F)
092-5402 (SMA M / BNC F)
092-7457 (7/16 M / BNC F)

ECR/ECN #	DATE	REV	APPR / DATE	ECR/ECN #	DATE	REV	APPR / DATE
	11/20/2006		CLK 11/20/2006	21922	09/18/2012	C	BAC 09/18/2012
14147	05/02/2007	A	CLK 05/02/2007	23218	09/05/2013	D	BAC 09/05/2013
15350	02/11/2008	B	CLK 02/11/2008	23449	11/11/2013		BAC 11/11/2013