

**SPECIFICATION SHEET**

**JFW MODEL 75P-141**

**SOLID STATE PROGRAMMABLE ATTENUATOR**

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Frequency Range	900-2150 MHz
Impedance	75 Ohms nominal
Attenuation Range	0-63 dB in 1 dB steps
Attenuation Steps	1, 2, 4, 8, 16 and 32 dB
VSWR	1.5:1 maximum
Attenuation Accuracy	± 0.5 dB or 3% of programmed (whichever is greater)
Insertion Loss	4.0 dB maximum 2.2 dB typical @ 900 MHz 3.5 dB typical @ 2150 MHz
RF Input Power	+20 dBm average +24 dBm (1 dB compression)
Switching Speed	5 microseconds maximum
DC Supply	+5 Vdc @ 250 mA nominal
Control Logic (6 Lines)	TTL Low for Thru Path TTL High for Attenuation
DC Connector	DE-9P
RF Connector	BNC, N or F female
Operating Temperature Range	0°C to +70°C
Physical Size	See outline drawing 092-5638-01

ECR/ECN #	DATE	REV	APPR / DATE	ECR/ECN #	DATE	REV	APPR / DATE
	07/22/1999			14982	11/30/2007	C	CLK 11/30/2007
9999	08/26/2002	A	CLV 08/27/2002	20455	08/15/2011	D	TRS 08/15/2011
11586	07/28/2005	B	TRS 07/28/2005				