

SPECIFICATION SHEET

JFW MODEL 50P-1207

**RELAY PROGRAMMABLE ATTEN. WITH EXT. TTL DRIVER
PCB**

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

Frequency Range DC-2500 MHz

Impedance 50 Ohms nominal

Attenuation Range 0-63 dB in 1 dB steps

Attenuation Steps 1, 2, 4, 8, 16, and 32 dB

VSWR 1.6:1 maximum

Attenuation Accuracy 1, 2, 4, 8, 16, 32 dB Pads
± 0.2 dB or 2% DC-1000 MHz
± 0.3 dB or 3% 1000-2500 MHz

Insertion Loss 3.9 dB maximum
1.0 dB typical at 500 MHz
1.7 dB typical at 1000 MHz
3.5 dB typical at 2500 MHz

RF Input Power 0.5 Watts average
100 Watts peak

Switching Speed 6 milliseconds

DC Supply +12 Vdc at 15 mA (1, 2, 4, 8 and 16)
+12 Vdc at 60 mA (32dB)

Control (6 lines) TTL Low for Thru Path
TTL High for Attenuation

DC Connector 3M #3793-5303

RF Connector BNC, SMA, TNC or N female

Operating Temperature Range -20° C to +85° C

Physical Size See outline drawing 092-5765-09

ECR/ECN #	DATE	REV	APPR / DATE	ECR/ECN #	DATE	REV	APPR / DATE
9999	08/26/2002	C	TRS 08/27/2002	15001	11/28/2007	G	CLK 11/28/2007
11807	09/01/2005	E	TRS 09/01/2005	15715	04/17/2008	H	CLK 04/17/2008
12783	05/10/2006	F	TRS 05/10/2006	17042	04/02/2009	I	CLK 04/02/2009