

SPECIFICATION SHEET

JFW MODEL 50P-1207

RELAY PROGRAMMABLE ATTEN. WITH EXT. TTL DRIVER PCB

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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
4432	01/21/2004	D	CLV 01/22/2004	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