

SPECIFICATION SHEET
JFW MODEL 75P-199
RELAY PROGRAMMABLE ATTENUATOR

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

Frequency Range	DC-2150 MHz
Impedance	75 Ohms nominal
Attenuation Range	0-95 dB in 1 dB steps
Attenuation Steps	1, 2, 4, 8, 16, 32 and 32 dB
VSWR	1.5:1 maximum
Attenuation Accuracy	Individual Pads: 1, 2, 4, 8 and 16 dB ± 0.25 dB 32 dB ± 1.0 dB Combinations: 3-31 dB ± 0.5 dB 33-63 dB ± 1.0 dB 64-95 dB ± 2%
Insertion Loss	2.2 dB maximum 0.9 dB typical at 1000 MHz 1.3 dB typical at 1500 MHz 1.8 dB typical at 2150 MHz
RF Input Power	0.5 Watts average
Switching Speed	10 milliseconds
Control (6 lines)	+12 Vdc @ 33 mA per relay (6 relays total)
DC Connector	Solder Terminals
RF Connector	F female
Lifetime (typical)	300,000 cycles per relay
Operating Temperature Range	-40°C to +70°C
Physical Size	See outline drawing 092-8356

ECR/ECN #	DATE	REV	APPR / DATE	ECR/ECN #	DATE	REV	APPR / DATE
	07/10/2015		CLK 07/10/2015				