

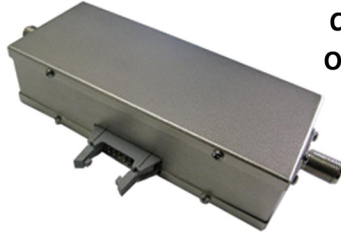
www.jfwindustries.com



NEW!
75P-167

JFW
Industries

Data Sheet Drawing



The new 75P-167 from JFW Industries is our latest solid-state, 75-Ohm programmable attenuator. It offers 127 dB of dynamic range with 1 dB resolution. Specifically designed for DOCSIS and MoCA testing, it operates from 800-2200 MHz and switches attenuation settings in less than 2 microseconds. F Female connectors are standard, but other options are available upon request.

JFW Industries

Call - 317-887-1340

Toll Free - 877-887-4539

Fax - 317-881-6790

E-mail



SPECIFICATION SHEET**JFW MODEL 75P-167****SOLID STATE PROGRAMMABLE ATTENUATOR**

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

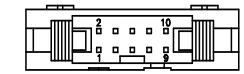
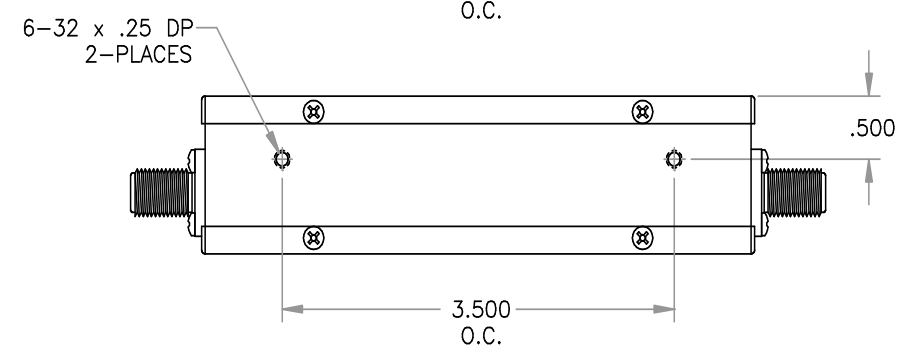
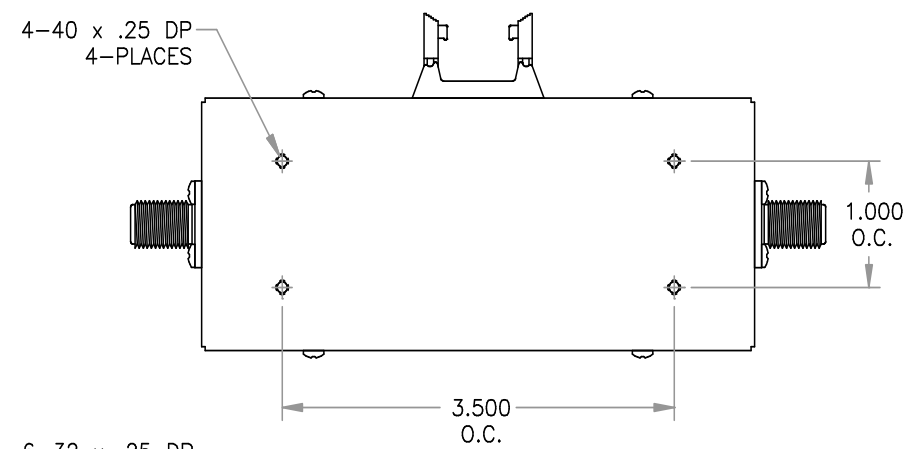
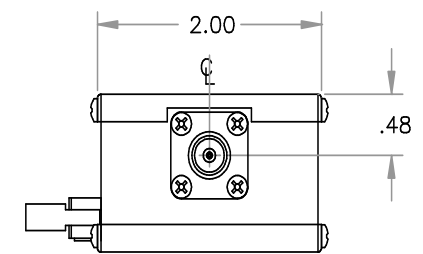
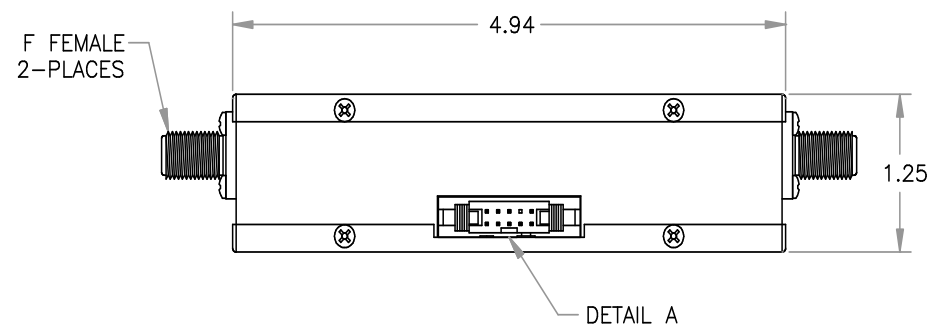
Frequency Range	800-2200 MHz
Impedance	75 Ohms nominal
Attenuation Range	0-127 dB in 1 dB steps
Attenuation Steps	1, 2, 4, 8, 16, 32 and 64 dB
VSWR	1.5:1 maximum
Attenuation Accuracy	1, 2, 4, 8 dB $\pm$.3 dB 16, 32, 64 dB $\pm$ 3%
Insertion Loss	2.5 dB maximum to 800 MHz 4.5 dB maximum to 2200 MHz
RF Input Power	+20 dBm operating +30 dBm (no damage)
Switching Speed	2 microseconds
DC Supply	+5 Vdc @ 300 mA nominal
Control Logic (7 Lines)	TTL Low for Thru Path TTL High for Attenuation
DC Connector	3M #3793-5303
RF Connector	F female
Operating Temperature Range	0°C to +70°C
Physical Size	See outline drawing 092-5781

ECR/ECN #	DATE
	05/08/2008

REV	APPR / DATE
	CLK 05/08/2008

ECR/ECN #	DATE

REV	APPR / DATE



DETAIL A
3M# 3793-5303

PIN	FUNCTION
1	1dB TTL CONTROL
2	2dB TTL CONTROL
3	4dB TTL CONTROL
4	8dB TTL CONTROL
5	16dB TTL CONTROL
6	32dB TTL CONTROL
7	64dB TTL CONTROL
8	NO CONNECTION
9	+5 Vdc
10	GROUND

				JFW INDUSTRIES, INC. INDIANAPOLIS, IN		PROTECTIVE INFORMATION	
ALL SURFACES ARE TO BE FREE OF BURRS, FIBES, & SCRATCHES				TECHNICAL		FRACTIONAL DIL : 1/32"	
REV	EDN	DATE	BY	DRWN BY	T. ZEISS	DATE	5-8-08
			APP'D BY			DATE	FULL
			MATERIAL	BRASS			
			FINISH	NICKEL			
			DESCRIPTION	75P-XXXX: PROG. ATTEN.			
				092-5781			