SPECIFICATION SHEET

JFW MODEL 75PA-090
BENCHTOP PROGRAMMABLE ATTENUATOR ASSEMBLY

Frequency Range	5-1000 MHz
Configuration	Four individually controlled solid-state programmable attenuators
Enclosure Type	Benchtop
Impedance	75 Ohms nominal
Attenuation Range	0-63 dB in 1 dB steps
Startup/Default States (configurable)	Maximum attenuation (see ATTEN STARTUP command) DHCP enabled (see NET command) 4 Ethernet users (see NET USERS command Prompts off (see PROMPT command) Jog speed 5 (see JOG SPEED command)
VSWR	1.7:1 maximum
Attenuation Accuracy (guaranteed monotonic)	± 0.5 dB or 2% of programmed (whichever is greater)
Insertion Loss	4.5 dB maximum
RF Input Power	+10 dBm average
Switching Speed	20 microseconds typical (after command is received and processed) (3 milliseconds typical processing time)
AC Supply	100-240 VAC @ 47-63 Hz 2 Amp 5x20mm "Slo-Blo" AC fuse Littelfuse#215-002, JFW#025-021
Manual Control	Momentary Lever Actuator Switches with 7-Segment LED Displays (tap to step, hold to jog) (jog speed range is 0-10) (jog speed set to 0 will disable all levers)
Remote Control	Ethernet (DHCP, TCP/IP, 10/100, up to 12 users) RS-232 (up to 115200 Baud)

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SPECIFICATION SHEET

JFW MODEL 75PA–090

BENCHTOP PROGRAMMABLE ATTENUATOR ASSEMBLY

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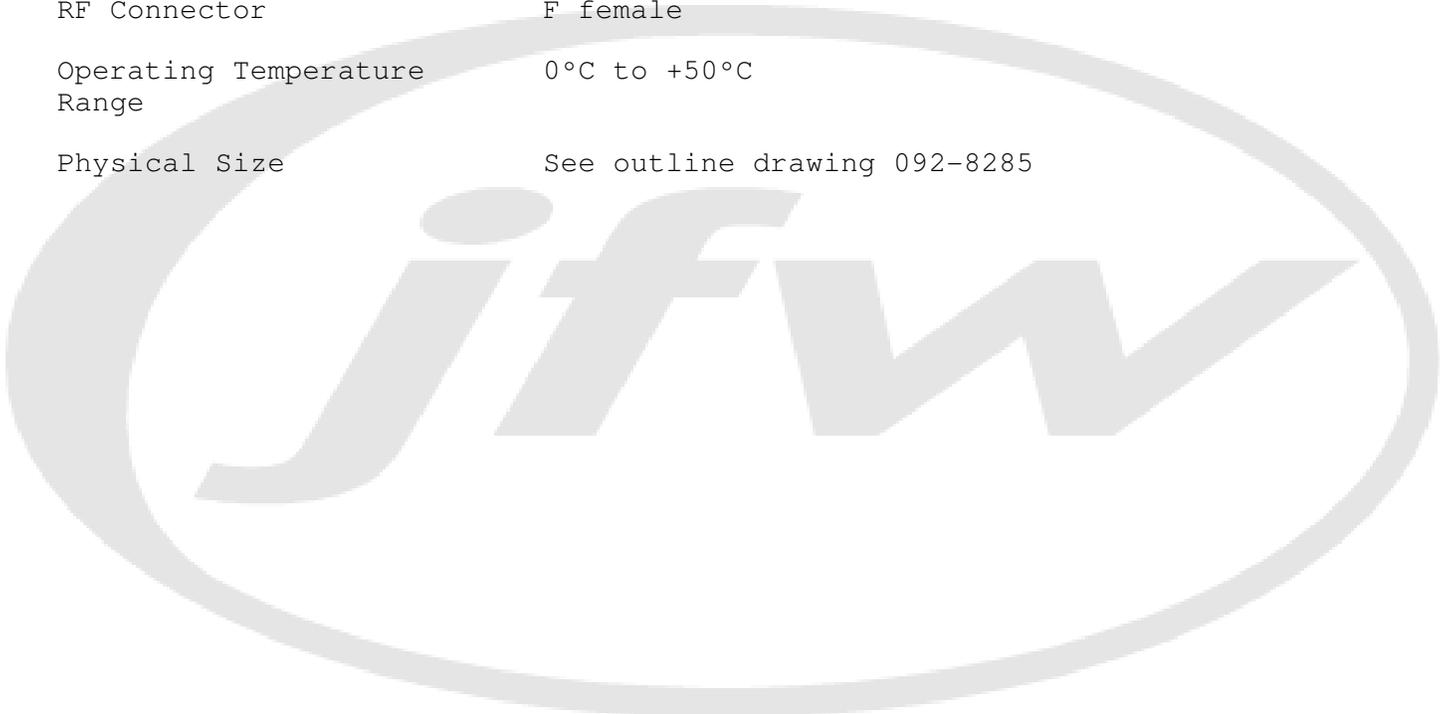|	
Remote Commands	Attenuator Control Commands: Atten, Set Attenuator, Read Attenuator, Set All Attenuators, Read All Attenuators, Read All Extended, Fade Attenuator, Variable Attenuator Handover, Block, Set Block, Read Block, Read All Blocks, Fade Block, Variable Block Handover System Commands: Help, Identification, Store, Recall, Pause, Net, Serial, Close, Disconnect, MOTD, Date, Message, Restrict, IDENT, Name, Show Users, Reboot, Uptime, Prompt, Jog Speed
RF Connector	F female
Operating Temperature Range	0°C to +50°C
Physical Size	See outline drawing 092–8285

ECR/ECN # DATE	REV APPR / DATE	ECR/ECN # DATE	REV APPR / DATE
04/15/2015	CLK 04/15/2015		