SPECIFICATION SHEET

JFW MODEL 75PA-080
PROGRAMMABLE ATTENUATOR ASSEMBLY

Frequency Range	5-1000 MHz
Configuration	Two individually controlled solid-state programmable attenuators
Enclosure Type	19 inch rack mount @ 1RU high
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)
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
Remote Control	Ethernet (DHCP, TCP/IP, 10/100, up to 12 users) RS-232 (up to 115200 Baud)
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
RF Connector	F female
Operating Temperature Range	0°C to +50°C
Physical Size	See outline drawing 092-8003

ECR/ECN #	DATE	REV	APPR / DATE	ECR/ECN #	DATE	REV	APPR / DATE
	03/06/2014		TRS 03/06/2014				
24174	05/29/2014	A	TRS 05/29/2014				
24239	07/03/2014	B	TRS 07/03/2014				

JFW FORM E-7-F REV F