SPECIFICATION SHEET

JFW MODEL 75PA-131
PROGRAMMABLE ATTENUATOR ASSEMBLY

Frequency Range	DC-1218 MHz
Configuration	32 individually controlled relay programmable attenuators
Enclosure Type	19 inch rack mount @ 8RU high
Impedance	75 Ohms nominal
Attenuation Range	0-95.5 dB in 0.5 dB steps
VSWR	1.7:1 maximum < 1.5:1 typical
Attenuation Accuracy	± 0.5 dB or 2% of programmed (whichever is greater)
Insertion Loss	3.7 dB maximum 3.3 dB typical @ 1218 MHz
RF Input Power	0.5 Watts average
Switching Speed	6 milliseconds typical (after command is received and processed) (3 milliseconds typical processing time)
Manual Control	20-Button Keypad and LCD display (IP Address configurable via keypad) (Net mask configurable via keypad) (Gateway configurable via keypad) (Baud rate configurable via keypad)
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, Block, Set Block, Read Block, Read All Blocks System Commands: Help, Identification, Store, Recall, Pause, Net, Serial, Close, Disconnect, MOTD, Date, Message, Restrict, IDENT, Name, Show Users, Reboot, Uptime, Prompt

--CONTINUED--

SPECIFICATION SHEET

JFW MODEL 75PA-131
PROGRAMMABLE ATTENUATOR ASSEMBLY

Startup/Default States (configurable)	Attenuators to 95.5dB at startup (see ATTEN command) DHCP enabled (see NET command) 4 Ethernet users (see NET command) Prompts off (see PROMPT command) All of these default settings can be changed by user. Unit can be configured for up to 12 Ethernet users.
RF Connector	F female
AC Supply	100-240 VAC @ 47-63 Hz
Operating Temperature Range	0°C to +50°C
Physical Size	See outline drawing 092-10368

ECR/ECN # DATE	REV APPR / DATE	ECR/ECN # DATE	REV APPR / DATE
10/21/2024	TRS 10/21/2024		

JFW FORM E-7-F REV F