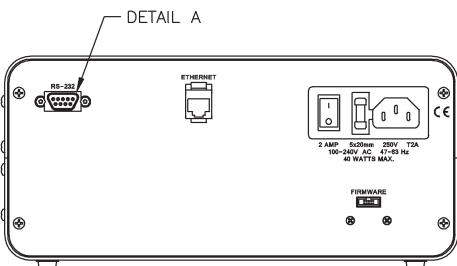
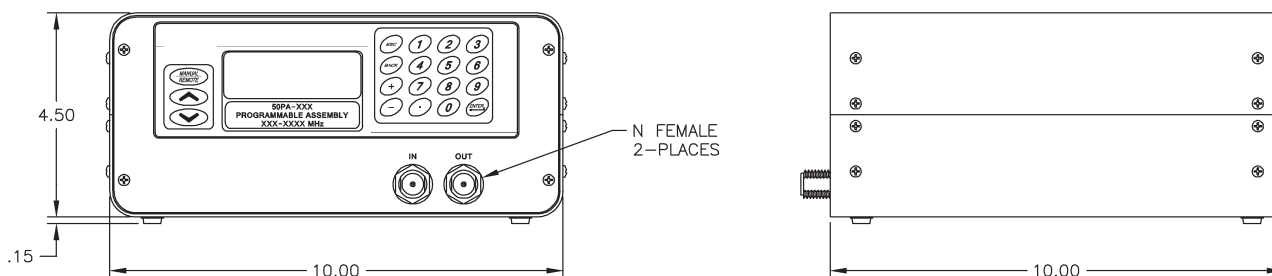


KAT177181

Frequency Range	DC-18 GHz	
Configuration	One relay programmable attenuator with RF connectors on the front panel	
Enclosure Type	Benchtop	
Impedance	50 Ohms nominal	
Attenuation Range	0-121 dB in 1 dB steps	
Startup/Default States (configurable)	Attenuators to 121dB 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 use Unit can be configured for up to 12 Ethernet users.	r.
Individual Attenuation Cells	1, 2, 4, 4, 10, 20, 40	and 40 dB
Attenuation Repeatability (each individual cell)	± 0.01 dB typical after 5 millions cycles ± 0.03 dB maximum after 5 millions cycles	
Maximum Individual Cell Accuracy	1 dB ± 0.3 dB DC-12.4 GHz ± 0.7 dB 12.4-18 GHz 2 dB ± 0.3 dB DC-12.4 GHz ± 0.7 dB 12.4-18 GHz 4 dB ± 0.4 dB DC-12.4 GHz ± 0.7 dB 12.4-18 GHz 10 dB ± 0.5 dB DC-12.4 GHz ± 0.6 dB 12.4-18 GHz 20 dB ± 0.7 dB DC-12.4 GHz ± 0.8 dB 12.4-18 GHz 40 dB ± 1.2 dB DC-12.4 GHz ± 1.6 dB 12.4-18 GHz	
Typical Combination Accuracy	(1-20dB) ± 0.5 dB typical DC-18 GHz (21-81dB) ± 1.6 dB typical DC-18 GHz (81-121dB) ± 2.8 dB typical DC-18 GHz	
VSWR	1.3:1 typical DC-8 GHz 1.5:1 typical 8-12.4 GHz 1.8:1 typical 12.4-18 GHz	
Insertion Loss	2.7 dB typical @ 4 GHz 3.4 dB typical @ 8 GHz 5.3 dB typical @ 18 GHz	
Maximum RF Input Power	1 Watt average	

Switching Speed	20 milliseconds
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 System Commands: Help, Identification, Store, Recall, Pause, Net, Serial, Close, Disconnect, MOTD, Date, Message, Restrict, IDENT, Name, Show Users, Reboot, Uptime, Prompt
RF Connector	N
Operating Temperature Range	0°C to 50°C
AC Supply	100-240 VAC @ 47-63 Hz



REAR VIEW

