

SPECIFICATION SHEET**JFW MODEL 50P-2063****SOLID STATE PROGRAMMABLE ATTENUATOR**

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

Frequency Range 1-3000 MHz

Impedance 50 Ohms nominal

Attenuation Range 0-31.75 dB in 0.25 dB steps

Attenuation Steps 0.25, 0.5, 1, 2, 4, 8 and 16 dB

VSWR 2.0:1 maximum 1-3 MHz
1.5:1 maximum 3-3000 MHz

Attenuation Accuracy (guaranteed monotonic) ± 0.15 dB 0.25-0.75 dB
 ± 0.25 dB 1.00-7.75 dB
 ± 0.50 dB 8.0-31.75 dB

Insertion Loss 3.0 dB maximum
1.5 dB typical @ 1 MHz
1.1 dB typical @ 2 MHz
2.6 dB typical @ 3000 MHz

RF Input Power +18 dBm @ 1 MHz (operating)
+22 dBm average @ 3 MHz (operating)
+26 dBm average @ 10 MHz (operating)
+27 dBm average 12-3000 MHz (operating)

Switching Speed 3 microseconds maximum
0.7 microseconds typical

DC Supply +5Vdc @ 10mA nominal

Control Logic (7 Lines) TTL Low for Thru Path
TTL High for Attenuation

RF Connector SMA

Operating Temperature Range -40°C to +85°C

Physical Size See outline drawing:
092-7462-15 (SMA)
092-7462-16 (SMA Male/Female)

ECR/ECN #	DATE	REV	APPR / DATE	ECR/ECN #	DATE	REV	APPR / DATE
	05/01/2017		CLK 05/01/2017				
30327	04/07/2020	A	CLK 04/07/2020				