

SPECIFICATION SHEET

JFW MODEL 50P-1855

SOLID STATE PROGRAMMABLE ATTENUATOR

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Frequency Range 200-6000 MHz

Impedance 50 Ohms nominal

Attenuation Range 0-31.5 dB in 0.5 dB steps

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

VSWR 1.7:1 maximum

Attenuation Accuracy (guaranteed monotonic) ± 0.25 dB 0.5-3.5 dB
 ± 0.50 dB 4.0-7.5 dB
 ± 1.00 dB 8.0-11.5 dB
 ± 1.25 dB 12.0-31.5 dB

Insertion Loss 3.5 dB maximum

RF Input Power +27 dBm (operating)
+33 dBm (no damage)

Switching Speed 3 microseconds maximum
0.7 microseconds typical

DC Supply +5Vdc @ 2mA nominal

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

DC Connector 3M #D2510-6002
(Mating Connector 3M #3473-6610)

RF Connector SMA

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

Physical Size See outline drawing:
092-7462-11 (SMA)
092-7462-12 (SMA Male/Female)

ECR/ECN #	DATE	REV	APPR / DATE	ECR/ECN #	DATE	REV	APPR / DATE
18455	03/25/2010	D	CLK 03/25/2010	27641	03/13/2017	G	CLK 03/13/2017
20539	09/07/2011	E	CLK 09/07/2011	28200	10/20/2017	H	CLK 10/20/2017
22505	02/27/2013	F	CLK 02/27/2013	29124	11/06/2018	I	CLK 11/06/2018