

SPECIFICATION SHEET

JFW MODEL 50PA-958

PROGRAMMABLE ATTENUATOR ASSEMBLY

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Frequency Range 200-6000 MHz

Configuration Eight individually controlled solid-state programmable attenuators

Enclosure Type 19 inch rack mount @ 2RU high

Impedance 50 Ohms nominal

Attenuation Range 0-95 dB in 1 dB steps

VSWR 2.0:1 maximum

Attenuation Accuracy (guaranteed monotonic) ± 0.50 dB 1-3 dB
± 0.75 dB 4-7 dB
± 1.00 dB 8-11 dB
± 1.25 dB or 4% 12-95 dB (whichever is greater)

Insertion Loss 8.8 dB maximum
4.0 dB typical @ 200 MHz
4.5 dB typical @ 700 MHz
8.2 dB typical @ 6000 MHz

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

Switching Speed 4 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 GPIB

Remote Commands SA - Set Attenuator
RA - Read Attenuator
IDN - Identification

RF Connector SMA female

Operating Temperature Range 0°C to +50°C

Physical Size See outline drawing 092-8372

ECR/ECN #	DATE	REV	APPR / DATE	ECR/ECN #	DATE	REV	APPR / DATE
	07/27/2015		CLK 07/27/2015				
28159	10/05/2017	A	CLK 10/05/2017				
28495	02/09/2018	B	TRS 02/09/2018				