

SPECIFICATION SHEET

JFW MODEL 50P-1714

RELAY PROGRAMMABLE ATTENUATOR

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Frequency Range DC-100 MHz

Impedance 50 Ohms nominal

Attenuation Range 0-128.5 dB in 0.1 dB steps

Attenuation Steps 0.1, 0.2, 0.4, 0.8, 1, 2, 4, 8, 16, 32, and 64 dB

VSWR 1.3:1 maximum

Attenuation Accuracy
 0-1.5 dB ± 0.03 dB
 1.6-16.5 dB ± 0.1 dB
 16.6-64.5 dB ± 0.2 dB
 64.6-128.5 dB ± 0.3 dB

Insertion Loss
 0.8 dB maximum
 0.66 dB typical @ 100 MHz

RF Input Power
 1 Watt average
 100 Watts peak (1 microsecond pulse)

Switching Speed 6 milliseconds

Control +12 Vdc @ 15 mA per relay

DC Connector Solder terminals

RF Connector BNC, N, SMA, or TNC female

Operating Temperature Range 0°C to +70°C

Physical Size See outline drawing 092-901

ECR/ECN #	DATE	REV	APPR / DATE	ECR/ECN #	DATE	REV	APPR / DATE
	02/27/2006		TRS 02/27/2006	30392	05/18/2020	C	CLK 05/18/2020
12755	05/04/2006	A	TRS 05/04/2006	30622	08/25/2020	D	TRS 08/25/2020
28988	08/29/2018	B	TRS 08/29/2018				