

SPECIFICATION SHEET

JFW MODEL 50B-002

PUSHBUTTON ATTENUATOR

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Frequency Range DC-750 MHz

Impedance 50 Ohms nominal

Attenuation Range 0-45.5 dB in 0.5 dB steps

Attenuation Steps 0.5, 1, 2, 4, 8, 10 and 20 dB

VSWR 1.10:1 maximum DC-100 MHz
1.25:1 maximum 100-500 MHz
1.40:1 maximum 500-750 MHz

Attenuation Accuracy ± 0.2 dB DC-100 MHz
± 0.3 dB 100-300 MHz
± 0.5 dB 300-500 MHz
± 0.75 dB 500-750 MHz

Insertion Loss 1.0 dB maximum @ 500 MHz
1.5 dB maximum @ 750 MHz
0.75 dB typical @ 500 MHz
1.05 dB typical @ 750 MHz

RF Input Power 1 Watt average

Peak Power 100 Watts
1 us pulse width, 1% duty cycle

RF Connector BNC female

Operating Temperature Range -40°C to +70°C

Physical Size See outline drawing 092-010

ECR/ECN #	DATE	REV	APPR / DATE	ECR/ECN #	DATE	REV	APPR / DATE
9999	06/25/2003	A	TRS 02/24/2004				
16605	12/11/2008	B	TRS 12/11/2008				
24115	05/13/2014	C	CLK 05/13/2014				