

**SPECIFICATION SHEET**  
**JFW MODEL 50HF-XXX SMA**  
**FIXED ATTENUATOR**

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Frequency Range	DC-18 GHz
Impedance	50 Ohms nominal
Attenuation Values	0-20 and 30 dB (consult factory for other dB values)
VSWR	1.2:1 maximum DC-4 GHz 1.25:1 maximum 4-8 GHz 1.3:1 maximum 8-12.4 GHz 1.4:1 maximum 12.4-18 GHz
Attenuation Accuracy	± 0.3 dB 1 thru 6 dB ± 0.5 dB 7 thru 20 dB ± 0.75 dB 21 thru 30 dB
RF Input Power	2 Watts average @ +25°C Derate to 0.5 Watts @ +125°C
Peak Power	250 Watts (5 microsecond pulse, 0.05% duty cycle)
RF Connector	SMA
Operating Temperature Range	-65°C to +125°C
Construction	Stainless steel body and connectors
Physical Size	See outline drawing 092-200  Length M/F: (1-12 dB) 0.86" ± 0.03" (13-30 dB) 0.99" ± 0.03"  Length F/F: (1-12 dB) 0.87" ± 0.03" (13-30 dB) 1.0" ± 0.03"  Body Diameter: 0.28"

ECR/ECN #	DATE	REV	APPR / DATE	ECR/ECN #	DATE	REV	APPR / DATE
2795	10/16/2001	D		10353	12/29/2004	G	SL 12/29/2004
4344	09/11/2003	F	CLV 09/11/2003	13087	07/26/2006	H	CLK 07/26/2006
9999	07/17/2003	E		21089	01/03/2012	I	CLK 01/03/2012