

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" $\pm$ 0.03"
(13-30 dB) 0.99" $\pm$ 0.03"

Length F/F: (1-12 dB) 0.87" $\pm$ 0.03"
(13-30 dB) 1.0" $\pm$ 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