

SPECIFICATION SHEET

JFW MODEL 50HF-XXX-50/18

UNI-DIRECTIONAL FIXED ATTENUATOR

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Frequency Range	DC-18 GHz		
Impedance	50 Ohms nominal		
Attenuation Values*	3, 6, 10, 20, 30 and 40 dB		
VSWR	1.25:1 maximum	DC-6 GHz	
	1.35:1 maximum	6-12.4 GHz	
	1.45:1 maximum	12.4-18 GHz	
Attenuation Accuracy		DC-6GHz	6-12.4GHz
	3-6dB	±0.75 dB	±0.75 dB
	7-20dB	±0.75 dB	±0.75 dB
	21-30dB	±0.75 dB	±1.0 dB
	31-40dB	±1.0 dB	±1.25 dB
		±1.25 dB	±1.5 dB
RF Input Power	50 Watts average @ +25°C (Input)		
	Derated to 10 Watts @ +125°C (Input)		
	10 Watts average (Output)		
	Input = Male connector		
	Output = Female connector		
Peak Power	500 Watts peak (5 microsecond pulse, 0.05% duty cycle)		
RF Connector	SMA, N or TNC		
Operating Temperature Range	-65°C to +125°C		
Physical Size	See outline drawing 092-2541		

* Example model numbers:

50HF-003-50/18SMA	3dB, SMA male/female
50HF-010-50/18SMA	10dB, SMA male/female
50HF-020-50/18N	20dB, N male/female
50HF-030-50/18N	30dB, N male/female

ECR/ECN #	DATE	REV	APPR / DATE	ECR/ECN #	DATE	REV	APPR / DATE
2124	05/14/1999	D		12886	06/01/2006	G	CLK 06/02/2006
2866	01/08/2002	E		15009	11/29/2007	H	SMR 11/29/2007
4511	03/11/2004	F	CLV 03/11/2004	21249	02/13/2012	I	TRS 02/13/2012