

SPECIFICATION SHEET
JFW MODEL 50HFP-XXX-100
FIXED ATTENUATOR UNI-DIRECTIONAL

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Frequency Range	DC-6 GHz			
Impedance	50 Ohms nominal			
Attenuation Values	3,6,10,20,30 and 40 dB			
VSWR	1.25:1 maximum	DC-2 GHz		
	1.40:1 maximum	2-4 GHz		
	1.45:1 maximum	4-6 GHz		
	1.15:1 typical	DC-2 GHz		
	1.15:1 typical	2-4 GHz		
	1.25:1 typical	4-6 GHz		
Attenuation Accuracy		DC-2GHz	2-4GHz	4-6GHz
	3, 6 dB	±0.50 dB	±0.75 dB	±0.75 dB
	10,20 dB	±0.75 dB	±0.75 dB	±1.25 dB
	30 dB	±0.75 dB	±1.00 dB	±1.50 dB
	40 dB	±1.00 dB	±1.50 dB	±2.00 dB
RF Input Power	100 Watts average			
	Input: Male connector			
	Output: Female connector (<20 Watts max) @ +25°C			
	Derate linearly to 10 Watts @ +125°C			
Mounting Directions	Mount heat sink fins vertically. Provide space for free air convection flow to occur.			
Peak Power	1000 Watts			
	(5 microsecond pulse, 0.05% duty cycle)			
RF Connector	N male/female			
Operating Temperature Range	-65°C to +125°C			
Physical Size	See outline drawing 092-6063			

ECR/ECN #	DATE	REV	APPR / DATE	ECR/ECN #	DATE	REV	APPR / DATE
	01/23/2009	O	SMR 01/23/2009				
17191	05/12/2009	A	SMR 05/12/2009				
17197	05/13/2009	B	SMR 05/13/2009				