

**SPECIFICATION SHEET**

**JFW MODEL 50HFFA-XXX-2/8N**

**FIXED ATTENUATOR**

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Frequency Range	DC-8.4 GHz
Impedance	50 Ohms nominal
Attenuation Values	1-30 dB, 40dB, 50dB and 60dB
VSWR	1.3:1 maximum < 1.15:1 typical
Attenuation Accuracy	± 0.6 dB (1-10 dB) ± 0.7 dB (11-20 dB) ± 0.9 dB (21-30 dB) ± 1.2 dB (40 dB) ± 1.3 dB (50 dB) ± 1.4 dB (60 dB)
RF Input Power (bi-directional)	2 Watts average @ +25°C (derate linearly to 0 Watts @ +125°C)
Peak Power	100 Watts (5 microsecond pulse, 0.1% duty cycle)
RF Connector	N male/female
Temperature Range	-55°C to +125°C
Outline Drawing Numbers	092-10086 (1-30 dB) 092-10086-01 (40-60 dB)

Example model numbers:

50HFFA-001-2/8N (1dB, N male/female)  
50HFFA-002-2/8N (2dB, N male/female)  
50HFFA-003-2/8N (3dB, N male/female)  
50HFFA-006-2/8N (6dB, N male/female)  
50HFFA-010-2/8N (10dB, N male/female)  
50HFFA-020-2/8N (20dB, N male/female)  
50HFFA-025-2/8N (25dB, N male/female)  
50HFFA-030-2/8N (30dB, N male/female)  
50HFFA-040-2/8N (40dB, N male/female)

ECR/ECN #	DATE	REV	APPR / DATE	ECR/ECN #	DATE	REV	APPR / DATE
	12/02/2024		TRS 12/02/2024				