

**SPECIFICATION SHEET**

**JFW MODEL 50HFFA-XXX-5/8N**

**FIXED ATTENUATOR**

JFW Industries, Inc.  
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Frequency Range	DC-8.4 GHz
Impedance	50 Ohms nominal
Attenuation Values	1 through 30 dB (any 1 dB increment)
VSWR	1.35:1 maximum < 1.25:1 typical
Attenuation Accuracy	± 0.5 dB (1-6 dB) ± 0.6 dB (7-10 dB) ± 0.8 dB (11-20 dB) ± 1.0 dB (21-30 dB)
RF Input Power	5 Watts average @ +25°C (derate linearly to 0 Watts @ +125°C)
Peak Power	250 Watts (5 microsecond pulse, 0.1% duty cycle)
RF Connector	N male/female or N female/female
Temperature Range	-55°C to +125°C
Construction	Stainless steel body and connectors
Outline Drawing Numbers	092-10009 (N male/female) 092-10009-01 (N female/female)

**Example model numbers:**

50HFFA-001-5/8N (1dB, N male/female)  
50HFFA-002-5/8N (2dB, N male/female)  
50HFFA-003-5/8N (3dB, N male/female)  
50HFFA-006-5/8N (6dB, N male/female)  
50HFFA-010-5/8N (10dB, N male/female)

50HFFA-020-5/8N F/F (20dB, N female/female)  
50HFFA-025-5/8N F/F (25dB, N female/female)  
50HFFA-030-5/8N F/F (30dB, N female/female)

ECR/ECN #	DATE	REV	APPR / DATE	ECR/ECN #	DATE	REV	APPR / DATE
	12/21/2023		TRS 12/21/2023				