

**SPECIFICATION SHEET**

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

**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	1.3:1 maximum < 1.12:1 typical
Attenuation Accuracy	± 0.4 dB (1-6 dB) ± 0.5 dB (7-10 dB) ± 0.8 dB (11-20 dB) ± 1.0 dB (21-30 dB)
RF Input Power	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	SMA male/female
Temperature Range	-55°C to +125°C
Construction	Stainless steel body and connectors
Physical Size	See outline drawing 092-10082

Example model numbers:

50HFFA-001-2/8SMA (1dB, SMA male/female)  
50HFFA-002-2/8SMA (2dB, SMA male/female)  
50HFFA-003-2/8SMA (3dB, SMA male/female)  
50HFFA-006-2/8SMA (6dB, SMA male/female)  
50HFFA-010-2/8SMA (10dB, SMA male/female)  
50HFFA-018-2/8SMA (18dB, SMA male/female)  
50HFFA-020-2/8SMA (20dB, SMA male/female)  
50HFFA-025-2/8SMA (25dB, SMA male/female)  
50HFFA-030-2/8SMA (30dB, SMA male/female)

ECR/ECN #	DATE	REV	APPR / DATE	ECR/ECN #	DATE	REV	APPR / DATE
	10/05/2023		TRS 10/05/2023				
33073	12/21/2023	A	TRS 12/21/2023				