

**SPECIFICATION SHEET**

**JFW MODEL 50HFFA-XXX-2/18TNC**

**FIXED ATTENUATOR**

JFW Industries, Inc.  
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Frequency Range DC-18 GHz

Impedance 50 Ohms nominal

Attenuation Values 1 through 30 dB (any 1 dB increment)

VSWR 1.4:1 maximum  
< 1.1:1 typical @ 1 GHz  
< 1.3:1 typical @ 18 GHz

Attenuation Accuracy ± 0.7 dB (1-10 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 TNC male/female

Temperature Range -55°C to +125°C

Physical Size See outline drawing 092-10084

Example model numbers:

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

ECR/ECN #	DATE	REV	APPR / DATE	ECR/ECN #	DATE	REV	APPR / DATE
	06/29/2023		TRS 06/29/2023				