

SPECIFICATION SHEET

JFW MODEL 50HFFA-XXX-5/18TNC

FIXED ATTENUATOR

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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 1.11:1 typical @ 6 GHz 1.25:1 typical @ 18 GHz
Attenuation Accuracy	1-10 dB: ± 0.7 dB maximum / ± 0.4 dB typical 11-20 dB: ± 0.8 dB maximum / ± 0.4 dB typical 21-30 dB: ± 1.0 dB maximum / ± 0.6 dB typical
RF Input Power (bi-directional)	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	TNC male/female
Temperature Range	-55°C to +125°C
Physical Size	See outline drawing 092-10158

Example models numbers:

50HFFA-003-5/18TNC (3dB, TNC male/female)
50HFFA-006-5/18TNC (6dB, TNC male/female)
50HFFA-010-5/18TNC (10dB, TNC male/female)
50HFFA-020-5/18TNC (20dB, TNC male/female)

ECR/ECN #	DATE	REV	APPR / DATE	ECR/ECN #	DATE	REV	APPR / DATE
	09/20/2023		TRS 09/20/2023				