

SPECIFICATION SHEET**JFW MODEL 50HFFA-XXX-2/18N****FIXED ATTENUATOR**

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Frequency Range	DC-18 GHz
Impedance	50 Ohms nominal
Attenuation Values	1-30 dB, 40dB, 50dB and 60dB
VSWR	1-30 dB: 1.35:1 maximum < 1.25:1 typical 40-60 dB: 1.45:1 maximum < 1.35:1 typical
Attenuation Accuracy	± 0.7 dB (1-4 dB) ± 0.8 dB (5-10 dB) ± 0.9 dB (11-20 dB) ± 1.1 dB (21-30 dB) ± 1.4 dB (40 dB) ± 1.5 dB (50 dB) ± 1.7 dB (60 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	N male/female
Temperature Range	-55°C to +125°C
Outline Drawing Numbers	092-10086 (1-30 dB) 092-10086-01 (40-60dB)

Example model numbers:

50HFFA-001-2/18N (1dB, N male/female)
50HFFA-003-2/18N (3dB, N male/female)
50HFFA-010-2/18N (10dB, N male/female)
50HFFA-030-2/18N (30dB, N male/female)
50HFFA-040-2/18N (40dB, N male/female)

ECR/ECN #	DATE	REV	APPR / DATE	ECR/ECN #	DATE	REV	APPR / DATE
	07/05/2023		TRS 07/05/2023				
33107	01/17/2024	A	TRS 01/17/2024				
33531	08/08/2024	B	TRS 08/08/2024				