

SPECIFICATION SHEET

JFW MODEL 50HFFA-XXX-2/6SMA

FIXED ATTENUATOR

JFW Industries, Inc.
Phone: 317-887-1340
sales@jfwindustries.com
www.jfwindustries.com

Frequency Range	DC-6 GHz
Impedance	50 Ohms nominal
Attenuation Values	0-30 dB, 40dB, 50dB and 60dB
VSWR	1.3:1 maximum < 1.12:1 typical
Attenuation Accuracy	± 0.4 dB (0-3 dB) ± 0.5 dB (4-6 dB) ± 0.6 dB (7-10 dB) ± 0.7 dB (11-20 dB) ± 0.9 dB (21-30 dB) ± 1.0 dB (40 dB) ± 1.1 dB (50 dB) ± 1.2 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	SMA male/female
Temperature Range	-55°C to +125°C
Construction	Stainless steel body and connectors
Outline Drawing Numbers	092-10082 (0-30dB) 092-10334 (40-60dB)

Example model numbers:

50HFFA-000-2/6SMA	(0dB, SMA male/female)
50HFFA-001-2/6SMA	(1dB, SMA male/female)
50HFFA-002-2/6SMA	(2dB, SMA male/female)
50HFFA-003-2/6SMA	(3dB, SMA male/female)
50HFFA-006-2/6SMA	(6dB, SMA male/female)
50HFFA-010-2/6SMA	(10dB, SMA male/female)
50HFFA-020-2/6SMA	(20dB, SMA male/female)
50HFFA-025-2/6SMA	(25dB, SMA male/female)
50HFFA-030-2/6SMA	(30dB, SMA male/female)
50HFFA-040-2/6SMA	(40dB, SMA male/female)

ECR/ECN #	DATE	REV	APPR / DATE	ECR/ECN #	DATE	REV	APPR / DATE
	07/12/2023		TRS 07/12/2023	33584	09/05/2024	C	TRS 09/05/2024
32902	10/05/2023	A	TRS 10/05/2023	33680	10/09/2024	D	TRS 10/09/2024
33035	12/06/2023	B	CLK 12/06/2023				