

SPECIFICATION SHEET

JFW MODEL 50HFFA-XXX-2/18SMA

FIXED ATTENUATOR

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Frequency Range	DC-18 GHz
Impedance	50 Ohms nominal
Attenuation Values	0-30 dB, 40dB, 50dB and 60dB
VSWR	1.35:1 maximum < 1.1:1 typical @ 6 GHz < 1.2:1 typical @ 18 GHz
Attenuation Accuracy	± 0.4 dB (0-4 dB) ± 0.5 dB (5-10 dB) ± 0.8 dB (11-20 dB) ± 1.0 dB (21-30 dB) ± 1.2 dB (40 dB) ± 1.3 dB (50 dB) ± 1.4 dB (60 dB)
RF Input Power	2 Watts average @ +25°C (derate linearly to 0.5 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 (0-30 dB) 092-10334 (40-60 dB)

Example model numbers:

50HFFA-000-2/18SMA	(0dB, SMA male/female)
50HFFA-001-2/18SMA	(1dB, SMA male/female)
50HFFA-003-2/18SMA	(3dB, SMA male/female)
50HFFA-006-2/18SMA	(6dB, SMA male/female)
50HFFA-010-2/18SMA	(10dB, SMA male/female)
50HFFA-020-2/18SMA	(20dB, SMA male/female)
50HFFA-025-2/18SMA	(25dB, SMA male/female)
50HFFA-030-2/18SMA	(30dB, SMA male/female)
50HFFA-040-2/18SMA	(40dB, SMA male/female)
50HFFA-060-2/18SMA	(60dB, SMA male/female)

ECR/ECN #	DATE	REV	APPR / DATE	ECR/ECN #	DATE	REV	APPR / DATE
	06/29/2023		TRS 06/29/2023	33043	12/07/2023	C	TRS 12/07/2023
32751	08/04/2023	A	TRS 08/04/2023	33423	06/20/2024	D	TRS 06/20/2024
32766	08/14/2023	B	TRS 08/14/2023	33537	08/09/2024	E	TRS 08/09/2024