

SPECIFICATION SHEET**JFW MODEL 50HFFA-XXX-2/8SMA****FIXED ATTENUATOR**

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Frequency Range DC-8.4 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 (0-6 dB)
± 0.5 dB (7-10 dB)
± 0.8 dB (11-20 dB)
± 1.0 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 (0-30 dB)
092-10334 (40-60 dB)

Example model numbers:

50HFFA-000-2/8SMA (0dB, SMA male/female)
50HFFA-001-2/8SMA (1dB, SMA male/female)
50HFFA-002-2/8SMA (2dB, SMA male/female)
50HFFA-003-2/8SMA (3dB, SMA male/female)
50HFFA-006-2/8SMA (6dB, SMA male/female)
50HFFA-010-2/8SMA (10dB, SMA male/female)
50HFFA-018-2/8SMA (18dB, SMA male/female)
50HFFA-020-2/8SMA (20dB, SMA male/female)
50HFFA-025-2/8SMA (25dB, SMA male/female)
50HFFA-030-2/8SMA (30dB, SMA male/female)
50HFFA-040-2/8SMA (40dB, SMA male/female)

ECR/ECN #	DATE	REV	APPR / DATE	ECR/ECN #	DATE	REV	APPR / DATE
	10/05/2023		TRS 10/05/2023	33680	10/09/2024	C	TRS 10/09/2024
33073	12/21/2023	A	TRS 12/21/2023				
33591	09/06/2024	B	TRS 09/06/2024				