

SPECIFICATION SHEET

JFW MODEL 50HFFA-XXX-5/8SMA

FIXED ATTENUATOR

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Frequency Range DC-8.4 GHz

Impedance 50 Ohms nominal

Attenuation Values 1 through 30 dB (any 1 dB increment)

VSWR 1.25:1 maximum
< 1.2:1 typical

Attenuation Accuracy ± 0.5 dB (1-6 dB)
± 0.6 dB (7-10 dB)
± 0.8 dB (11-20 dB)
± 1.0 dB (21-30 dB)

RF Input Power 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 SMA male/female

Temperature Range -55°C to +125°C

Construction Stainless steel body and connectors

Outline Drawing Numbers 092-10090 (SMA male/female)

Example model numbers:

50HFFA-001-5/8SMA (1dB, SMA male/female)
50HFFA-002-5/8SMA (2dB, SMA male/female)
50HFFA-003-5/8SMA (3dB, SMA male/female)
50HFFA-006-5/8SMA (6dB, SMA male/female)
50HFFA-010-5/8SMA (10dB, SMA male/female)
50HFFA-025-5/8SMA (25dB, SMA male/female)
50HFFA-030-5/8SMA (30dB, SMA male/female)

ECR/ECN #	DATE	REV	APPR / DATE	ECR/ECN #	DATE	REV	APPR / DATE
	12/09/2024		TRS 12/09/2024				