

SPECIFICATION SHEET

JFW MODEL 50HFFA-XXX-30/18

UNI-DIRECTIONAL FIXED ATTENUATOR

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Frequency Range	DC-18 GHz
Impedance	50 Ohms nominal
Attenuation Values	1 through 40 dB (any 1 dB increment)
VSWR	1.5:1 maximum < 1.25:1 typical
Attenuation Accuracy	± 0.8 dB (1-10 dB) ± 1.0 dB (11-20 dB) ± 1.3 dB (21-30 dB) ± 1.5 dB (31-40 dB)
RF Input Power (uni-directional)	30 Watts average @ +25°C Derate to 0 Watts @ +125°C
Reverse Power	20 Watts average @ +25°C
Peak Power	1000 Watts (5 microsecond pulse, 0.1% duty cycle)
RF Connector	N or SMA
Temperature Range	-55°C to +125°C
Outline Drawing Numbers	092-10144 (N male/female) 092-10144-01 (SMA male/female)

Example models numbers:

50HFFA-003-30/18N 3dB, N male(input)/female(output)
50HFFA-006-30/18N 6dB, N male(input)/female(output)
50HFFA-010-30/18N 10dB, N male(input)/female(output)
50HFFA-020-30/18SMA 20dB, SMA male (input)/female(output)
50HFFA-030-30/18SMA 30dB, SMA male(input)/female(output)
50HFFA-040-30/18SMA 40dB, SMA male(input)/female(output)

50HFFA-003-30/18N F/F 3dB, N female(input)/female(output)
50HFFA-003-30/18N F/M 3dB, N female(input)/male(output)

50HFFA-006-30/18SMA F/F 6dB, SMA female(input)/female(output)
50HFFA-006-30/18SMA F/M 6dB, SMA female(input)/male(output)

ECR/ECN #	DATE	REV	APPR / DATE	ECR/ECN #	DATE	REV	APPR / DATE
	09/06/2023		TRS 09/06/2023				