

SPECIFICATION SHEET

JFW MODEL 50HFFE-XXX-100/8

UNI-DIRECTIONAL FIXED ATTENUATOR

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Frequency Range	DC-8.4 GHz
Impedance	50 Ohms nominal
Attenuation Values	6, 10, 20, 30, or 40 dB
VSWR	1.5:1 maximum < 1.25:1 typical
Attenuation Accuracy	6 dB ± 0.9 dB maximum / ± 0.7 dB typical 10 dB ± 1.2 dB maximum / ± 0.8 dB typical 20 dB ± 1.5 dB maximum / ± 0.9 dB typical 30 dB ± 1.5 dB maximum / ± 0.9 dB typical 40 dB ± 2.0 dB maximum / ± 1.0 dB typical
RF Input Power (uni-directional)	100 Watts average @ +25°C Derate to 0 Watts @ +125°C
Reverse Power	20 Watts average @ +25°C
Peak Power	1000 Watts (5 microsecond pulse, 1% duty cycle)
RF Connector	N male/female or N female/female
Temperature Range	-55°C to +125°C
Optional Mounting Bracket	Add "-MBK" to end of model number if you want the optional mounting brackets included
Outline Drawing Numbers	092-10180-01 (N male/female) 092-10180-02 (N male/female with mounting brackets) 092-10180-03 (N female/female) 092-10180-04 (N female/female with mounting brackets)

Example models numbers:

50HFFE-006-100/8N	6dB, N male(input)/N female(output)
50HFFE-010-100/8N	10dB, N male(input)/N female(output)
50HFFE-020-100/8N	20dB, N male (input)/N female(output)
50HFFE-030-100/8N	30dB, N male(input)/N female(output)
50HFFE-040-100/8N	40dB, N male(input)/N female(output)
50HFFE-020-100/8N F/F	20dB, N female(input)/N female(output)
50HFFE-030-100/8N F/F	30dB, N female(input)/N female(output)
50HFFE-020-100/8N-MBK	20dB with optional mounting brackets
50HFFE-030-100/8N-MBK	30dB with optional mounting brackets

ECR/ECN #	DATE	REV	APPR / DATE	ECR/ECN #	DATE	REV	APPR / DATE
	11/08/2023		TRS 11/08/2023				
33027	11/29/2023	A	TRS 11/29/2023				