

SPECIFICATION SHEET
JFW MODEL 50HF-XXX-5
FIXED ATTENUATOR

JFW Industries, Inc.
Phone: 317-887-1340
sales@jfwindustries.com
www.jfwindustries.com

Frequency Range DC-18 GHz

Impedance 50 Ohms nominal

Attenuation Values 0-10, 12, 15, 20, 30 or 40 dB
(consult factory for other dB values)

VSWR 1.20:1 maximum DC-4 GHz
1.25:1 maximum 4-8 GHz
1.30:1 maximum 8-12.4 GHz
1.40:1 maximum 12.4-18 GHz

Attenuation Accuracy ± 0.3 dB 0-6 dB
 ± 0.5 dB 7-20 dB
 ± 0.75 dB 21-30 dB
 ± 1.5 dB 31-40 dB

RF Input Power 5 Watts average @ +25°C
Derated linearly to 1 Watt @ +125°C

Peak Power 250 Watts
(5 microsecond pulse, 0.05% duty cycle)

RF Connector SMA, N or TNC

Operating Temperature Range -65°C to +125°C

Temperature Coefficient < 0.0004 dB/dB/°C

Physical Size SMA:
See outline drawing 092-1022

N:
See outline drawing 092-1870

TNC:
Length: 2.07" $\pm$ 0.05"
Heatsink Diameter: 0.61"

ECR/ECN #	DATE	REV	APPR / DATE	ECR/ECN #	DATE	REV	APPR / DATE
4474	02/13/2004	D	CLV 02/16/2004	9999	07/18/2003	C	SL 02/02/2004
4507	03/11/2004	E	CLV 03/11/2004	10352	12/29/2004	G	SL 12/29/2004
4629	05/27/2004	F	CLV 05/27/2004	24135	05/20/2014	H	CLK 05/20/2014