

**SPECIFICATION SHEET**  
**JFW MODEL 50HFAH-XXX**  
**FIXED ATTENUATOR**

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

Frequency Range	DC-40 GHz
Impedance	50 Ohms nominal
Attenuation Values	3, 6, 10, 20 or 30 dB (standard values) 1, 2 or 5 dB (non-standard values)
VSWR	Standard Attenuation Values: 1.3:1 maximum DC-26.5 GHz 1.4:1 maximum 26.5-40 GHz  Non-Standard Attenuation Values: 1 and 2 dB: 1.4:1 maximum DC-40 GHz  5 dB: 1.5:1 maximum DC-40 GHz
Attenuation Accuracy	Standard Attenuation Values: 3 and 6 dB: ± 0.5 dB DC-26.5 GHz ± 0.8 dB 26.5-40 GHz  10 and 20 dB: ± 0.6 dB DC-26.5 GHz ± 1.0 dB 26.5-40 GHz  30 dB: ± 0.8 dB DC-26.5 GHz ± 1.0 dB 26.5-40 GHz  Non-Standard Attenuation Values: 1 and 2 dB: ± 0.5 dB DC-26.5 GHz ± 0.6 dB 26.5-40 GHz  5 dB: ± 0.5 dB DC-26.5 GHz ± 1.0 dB 26.5-40 GHz
RF Input Power	0.5 Watts average @ +25°C Derate to 0.1 Watts @ +125°C
RF Connector	2.9mm male/female

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Operating Temperature Range      -65°C to +125°C  
Construction                              Stainless steel body and connectors  
Physical Size                                See outline drawing 092-7248



ECR/ECN #	DATE	REV	APPR / DATE	ECR/ECN #	DATE	REV	APPR / DATE
	10/07/2002			24777	12/08/2014	C	CLK 12/08/2014
9999	07/23/2003	A	SL 04/14/2004	28488	02/07/2018	D	CLK 02/07/2018
21348	03/02/2012	B	CLK 03/02/2012				