

SPECIFICATION SHEET**JFW MODEL 50HFFA-XXX-5/18SMA****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 1 through 30 dB (any 1 dB increment)

VSWR
1.35:1 maximum
1.10:1 typical @ 6 GHz
1.18:1 typical @ 18 GHz

Attenuation Accuracy
1-10 dB: ± 0.7 dB maximum / ± 0.4 dB typical
11-20 dB: ± 0.8 dB maximum / ± 0.4 dB typical
21-30 dB: ± 1.0 dB maximum / ± 0.6 dB typical

RF Input Power
(bi-directional) 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

Physical Size See outline drawing 092-10090

Example models numbers:

50HFFA-003-5/18SMA 3dB, SMA male/female
50HFFA-006-5/18SMA 6dB, SMA male/female
50HFFA-010-5/18SMA 10dB, SMA male/female
50HFFA-020-5/18SMA 20dB, SMA male/female

ECR/ECN #	DATE	REV	APPR / DATE	ECR/ECN #	DATE	REV	APPR / DATE
	07/11/2023		TRS 07/11/2023				
33612	09/10/2024	A	TRS 09/10/2024				
33763	11/20/2024	B	TRS 11/20/2024				