

SPECIFICATION SHEET**JFW MODEL 50FHIE-XXX-1000****UNI-DIRECTIONAL FIXED ATTENUATOR**

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

Frequency Range DC-3000 MHz

Impedance 50 Ohms nominal

Attenuation Values 10, 20, 30, 33, 35 & 40dB

VSWR 1.40:1 maximum

Attenuation Accuracy ± 1.5 dB maximum

RF Input Power (uni-directional) 1000 Watts average @ +25°C
Derated linearly to 100 Watts @ +100°C

Reverse Power 125 Watts average @ +25°C

Peak Power 4000 Watts (1 microsecond pulse)

Operating Temperature Range -55°C to +100°C

RF Connector N or 7/16 (Male or Female)
(Female is Input connector as standard, -RC on model number or "reverse connector" implies Male is Input connector)
(For mixed connector type of same gender, ie 7/16 F/N F, Input connector is first connector listed)

(Female is defined as female pin, with external threads, Male is defined as male pin, with internal threads)

Physical Size (See Outline Drawing) N-type Connector:
092-6086 (N) - Female Input
092-6196 (N F/F)
092-10310 (N M/M)
092-6257 (N-RC) - Male Input

7/16 Connector:
092-6253 (7/16) - Female Input
092-9802 (7/16 F/F)
092-10306 (7/16-RC) - Male Input

Mixed Connector:
092-10307 (7/16 M/N F) - N F Input
092-10308 (7/16 M/N F-RC) - 7/16 M Input
092-10309 (7/16 F/N F) - 7/16 F Input

ECR/ECN #	DATE	REV	APPR / DATE	ECR/ECN #	DATE	REV	APPR / DATE
17531	08/07/2009	E	SMR 08/07/2009	31400	10/22/2021	H	CLK 10/22/2021
17611	08/27/2009	F	SMR 08/27/2009	33402	06/06/2024	I	CLK 06/06/2024
27157	10/14/2016	G	CLK 10/14/2016	34077	04/08/2025	J	CLK 04/08/2025