

SPECIFICATION SHEET

JFW MODEL 50FPE-XXX

FIXED ATTENUATOR

JFW Industries, Inc.

Phone: 317-887-1340

sales@jfwindustries.com

www.jfwindustries.com

Frequency Range	DC-6000 MHz (1-40dB) DC-4000 MHz (41-60dB)
Impedance	50 Ohms nominal
Attenuation Values	1 thru 60 dB in any 1 dB increment
VSWR	(1-40dB) 1.10:1 maximum DC-1000 MHz 1.20:1 maximum 1000-3000 MHz 1.30:1 maximum 3000-5000 MHz 1.35:1 maximum 5000-6000 MHz (41-60dB) 1.25:1 maximum DC-4000 MHz
Attenuation Accuracy	(1-40dB) ± 0.3 dB DC-3000 MHz ± 0.4 dB 3000-4000 MHz ± 0.5 dB 4000-6000 MHz (41-60dB) ± 3% DC-3000 MHz ± 4% 3000-4000 MHz
RF Input Power (bi-directional)	5 Watts average @ +25°C Derates to 1 Watt @ +85°C
Peak Power	1000 Watts
RF Connector	N, TNC, RP-TNC, SMA, 4.1-9.5, 4.3-10.0, or 7/16 (N male available with knurl or 13/16" hex)
Operating Temperature Range	-55°C to +100°C

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Physical Size

Outline Drawings for 1-20dB:

 092-3189 N male/female
 092-8753 N male (Hex)/female
 092-3268 SMA male/female
 092-3269 TNC male/female
 092-9919-01 RP-TNC male/female
 092-5694 7/16 male/N female
 092-6475 SMA male/TNC female
 092-8101 N, SMA, TNC
 092-3189-01 4.1-9.5
 092-3189-02 4.3-10.0
 092-9455-01 TNC M/SMA F
 092-9455-02 BNC M/SMA F
 092-9455-03 N M/SMA F
 092-9455-04 4.3-10.0 M/SMA F
 092-10177-01 TNC F/F
 092-10178-01 N F/F
 092-10179-01 SMA F/F

Outline Drawings for 21-60dB:

 092-3683 N male/female
 092-8754 N male (Hex)/female
 092-3686 TNC male/female
 092-9919-02 RP-TNC male/female
 092-3687 SMA male/female
 092-5696 7/16 male/N female
 092-6476 SMA male/TNC female
 092-8101 N, SMA, TNC
 092-3683-01 4.1-9.5
 092-3683-02 4.3-10.0
 092-10177-02 TNC F/F
 092-10178-02 N F/F
 092-10179-02 SMA F/F

ECR/ECN #	DATE	REV	APPR / DATE	ECR/ECN #	DATE	REV	APPR / DATE
27699	04/10/2017	K	CLK 04/10/2017	31869	06/29/2022	O	TRS 06/29/2022
30069	12/17/2019	L	CLK 12/17/2019	32782	08/18/2023	P	TRS 08/18/2023
30786	11/30/2020	M	CLK 11/30/2020	32920	10/12/2023	Q	CLK 10/12/2023