

SPECIFICATION SHEET
JFW MODEL 50FPE-XXX
FIXED ATTENUATOR

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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) ± 0.75 dB DC-4000 MHz

RF Input Power 5 Watts average @ +25°C
 Derates to 1 Watt @ +85°C

Peak Power 1000 Watts

RF Connector N, TNC, 7/16 or SMA

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

Physical Size Outline Drawings for 1-20dB:

 092-3189 N male/female
 092-3268 SMA male/female
 092-3269 TNC male/female
 092-5694 7/16 male/N female
 092-6475 SMA male/TNC female
 092-8101 N, SMA, TNC

Outline Drawings for 21-60dB:

 092-3683 N male/female
 092-3686 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

ECR/ECN #	DATE	REV	APPR / DATE	ECR/ECN #	DATE	REV	APPR / DATE
2699	05/31/2001	D		15242	01/25/2008	G	SMR 01/25/2008
9999	07/16/2003	E	SL 07/21/2003	18313	02/24/2010	H	SMR 02/24/2010
10761	03/04/2005	F	SL 03/04/2005	24563	09/25/2014	I	TRS 09/25/2014