

SPECIFICATION SHEET

JFW MODEL 50FHXC-XXX-50-6

FIXED ATTENUATOR

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Frequency Range DC-6000 MHz

Impedance 50 Ohms nominal

Attenuation Values 1-50 dB in any 1 dB increment
(XXX) insert value

VSWR 1.15:1 maximum DC-1000 MHz
1.35:1 maximum 1000-4000 MHz
1.50:1 maximum 4000-6000 MHz

Attenuation Accuracy 1-20 dB:
± 0.25 dB DC-1000 MHz
± 0.5 dB 1000-4000 MHz
± 1.0 dB 4000-6000 MHz

21-30 dB:
± 0.50 dB DC-1000 MHz
± 0.75 dB 1000-4000 MHz
± 1.0 dB 4000-6000 MHz

31-50 dB:
± 0.50 dB DC-1000 MHz
± 1.5 dB 1000-4000 MHz
± 2.0 dB 4000-6000 MHz

RF Input Power (bi-directional) 50 Watts average
Derate to 25 Watts @ +70° C

Peak Power 1000 Watts

RF Connector N, SMA, TNC, 4.1/9.5, 4.3/10, or 7/16
(male or female)

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

Physical Size See outline drawing 092-6094

ECR/ECN #	DATE	REV	APPR / DATE	ECR/ECN #	DATE	REV	APPR / DATE
27692	04/06/2017	A	CLK 04/06/2017	30702	10/08/2020	D	CLK 10/08/2020
27710	04/13/2017	B	CLK 04/13/2017	32782	08/18/2023	E	TRS 08/18/2023
30587	08/12/2020	C	CLK 08/12/2020	33711	10/25/2024	F	TRS 10/25/2024