

SPECIFICATION SHEET

JFW MODEL 50HF-XXX-25/18

FIXED ATTENUATOR

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Frequency Range DC-18 GHz

Impedance 50 Ohms nominal

Attenuation Values* 3, 6, 10, 20, 30 and 40 dB

VSWR 1.2:1 maximum DC-6 GHz
1.3:1 maximum 6-12.4 GHz
1.4:1 maximum 12.4-18 GHz

Attenuation Accuracy	DC-6GHz	6-12.4GHz	12.4-18GHz
3-6dB	±0.3 dB	±0.5 dB	±0.75 dB
7-20dB	±0.5 dB	±0.75 dB	±1.0 dB
21-30dB	±0.75 dB	±1.0 dB	±1.25 dB
31-40dB	±1.0 dB	±1.25 dB	±1.5 dB

RF Input Power 25 Watts average @ +25°C
derated linearly to 5 Watts @ +125°C

Peak Power 500 Watts peak
(5 microsecond pulse, 0.05% duty cycle)

RF Connector N, SMA or TNC

Operating Temperature Range -65°C to +125°C

Physical Size See outline drawing 092-2301

* Example model numbers:

50HF-003-25/18SMA	3dB, SMA male/female
50HF-010-25/18SMA	10dB, SMA male/female
50HF-020-25/18N	20dB, N male/female
50HF-030-25/18N	30dB, N male/female

ECR/ECN #	DATE	REV	APPR / DATE	ECR/ECN #	DATE	REV	APPR / DATE
607	10/02/1996	B		4478	02/17/2004	E	CLV 02/17/2004
964	02/09/1998	C		15008	11/29/2007	F	SMR 11/29/2007
2929	03/18/2002	D		21249	02/13/2012	G	TRS 02/13/2012