

**SPECIFICATION SHEET**

**JFW MODEL 50FHC-XXX-25**

**FIXED ATTENUATOR**

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Frequency Range DC-4000 MHz (1-30 dB)  
DC-3000 MHz (31-60 dB)

Impedance 50 Ohms nominal

Attenuation Values 1-60 dB in any 1 dB increment  
(XXX) insert value

VSWR (1-30 dB) 1.15:1 maximum DC-1000 MHz  
1.35:1 maximum 1000-4000 MHz  
(31-60 dB) 1.15:1 maximum DC-1000 MHz  
1.35:1 maximum 1000-3000 MHz

Attenuation Accuracy (1-20 dB)  
± 0.25 dB DC-1000 MHz  
± 0.50 dB 1000-4000 MHz  
(21-30 dB)  
± 0.50 dB DC-1000 MHz  
± 0.75 dB 1000-4000 MHz  
(31-60 dB)  
± 2% DC-2000 MHz  
± 3% 2000-3000 MHz

RF Input Power 25 Watts average  
Derate to 12.5 Watts @ +70°C

Peak Power 1000 Watts

RF Connector BNC, N, SMA, RPT, TNC, 4.1-9.5,  
4.3-10.0 or 7/16  
(RPT = reverse polarity TNC)

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

Physical Size See outline drawing 092-3736

ECR/ECN #	DATE	REV	APPR / DATE	ECR/ECN #	DATE	REV	APPR / DATE
4564	04/09/2004	D	CLV 04/09/2004	24660	10/29/2014	F	CLK 10/29/2014
4668	08/26/2004	E	CLV 08/26/2004	26007	12/14/2015	G	CLK 12/14/2015
9999	04/23/2003	B	SL 04/23/2003	26024	12/14/2015	H	TRS 12/14/2015