

SPECIFICATION SHEET

JFW MODEL 50FHXC-XXX-50

FIXED ATTENUATOR

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Frequency Range DC-4000 MHz (1-40 dB)
DC-3000 MHz (41-60 dB)

Impedance 50 Ohms nominal

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

VSWR (1-40 dB) 1.15:1 maximum DC-1000 MHz
1.35:1 maximum 1000-4000 MHz
(41-60 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
(31-40 dB)
± 2% DC-2000 MHz
± 3% 2000-4000 MHz
(41-60 dB)
± 2% DC-2000 MHz
± 3% 2000-3000 MHz

RF Input Power (bi-directional) 50 Watts average
Derate to 25 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 092-6094

ECR/ECN #	DATE	REV	APPR / DATE	ECR/ECN #	DATE	REV	APPR / DATE
	02/23/2009	O	SMR 02/23/2009	26024	12/14/2015	C	TRS 12/14/2015
25814	10/19/2015	A	TRS 10/19/2015	27539	02/02/2017	D	CLK 02/02/2017
26007	12/14/2015	B	CLK 12/14/2015	32782	08/18/2023	E	TRS 08/18/2023