

SPECIFICATION SHEET**JFW MODEL 50FHSR-XXX-100-3****FIXED ATTENUATOR**

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Description Bolt Down Fixed Attenuator

Frequency Range DC-3000 MHz

Impedance 50 Ohms nominal

Attenuation Values 1 thru 50 dB (any 1 dB increment)

VSWR 1.4:1 maximum
< 1.25:1 typical

Attenuation Accuracy ± 0.5 (1-30 dB)
 ± 0.75 (31-50 dB)

RF Input Power 100 Watts average (conduction cooled)
Full power up to +100°C case temperature
Derate linearly to 0 Watts @ +150°C case temperature

Peak Power 1000 Watts (1 microsecond pulse)

RF Connector BNC, N, TNC or SMA

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

Outline Drawing Numbers 092-10349-01 (N male/female)
092-10349-02 (N female/female)
092-10349-03 (SMA male/female)
092-10349-04 (SMA female/female)

Example Model Numbers:

50FHSR-001-100-3N (1dB, N male/female)
50FHSR-002-100-3N (2dB, N male/female)
50FHSR-003-100-3N F/F (3dB, N female/female)
50FHSR-010-100-3N F/F (10dB, N female/female)

50FHSR-020-100-3SMA (20dB, SMA male/female)
50FHSR-025-100-3SMA (25dB, SMA male/female)
50FHSR-030-100-3SMA F/F (30dB, SMA female/female)
50FHSR-050-100-3SMA F/F (50dB, SMA female/female)

ECR/ECN #	DATE	REV	APPR / DATE	ECR/ECN #	DATE	REV	APPR / DATE
	09/17/2024		TRS 09/17/2024				