

SPECIFICATION SHEET

JFW MODEL 50HFFB-XXX-10/40

FIXED ATTENUATOR

JFW Industries, Inc.
Phone: 317-887-1340
sales@jfwindustries.com
www.jfwindustries.com

Frequency Range DC-40 GHz

Impedance 50 Ohms nominal

Attenuation Values 1-10, 20 and 30dB

VSWR 1.4:1 maximum
< 1.25:1 typical

Attenuation Accuracy
 1-6 dB: ± 1.0 dB maximum / ± 0.8 dB typical
 7-10 dB: ± 1.1 dB maximum / ± 0.9 dB typical
 20 dB: ± 1.2 dB maximum / ± 1.0 dB typical
 30 dB: ± 1.3 dB maximum / ± 1.1 dB typical

RF Input Power (bi-directional) 10 Watts average @ +25°C
(derate linearly to 0 Watts @ +125°C)

RF Connector 2.92mm male/female
or
2.92mm male/male
or
2.92mm female/female

Temperature Range -55°C to +125°C

Outline Drawing Numbers 092-10335-01 (2.92mm male/female)
092-10335-02 (2.92mm male/male)
092-10335-03 (2.92mm female/female)

Example Model Numbers:

50HFFB-003-10/40 2.9MM (3dB with male/female)
 50HFFB-006-10/40 2.9MM (6dB with male/female)
 50HFFB-010-10/40 2.9MM M/M (10dB with male/male)
 50HFFB-020-10/40 2.9MM F/F (20dB with female/female)

ECR/ECN #	DATE	REV	APPR / DATE	ECR/ECN #	DATE	REV	APPR / DATE
	10/03/2023		TRS 10/03/2023				
33543	08/12/2024	A	TRS 08/09/2024				