

SPECIFICATION SHEET

JFW MODEL 50DB-073

DC BLOCK INNER ONLY

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Description	Inner Only DC Block
Frequency Range	16 KHz-40 GHz
Impedance	50 Ohms nominal
VSWR	Typical specs under 250kHz: ----- 6.00:1 typical @ 16kHz 2.00:1 typical @ 50kHz 1.35:1 typical @ 100kHz Maximum specs 250kHz-40GHz: ----- 1.30:1 maximum 250kHz-18GHz 1.55:1 maximum 18GHz-32GHz 1.65:1 maximum 32GHz-40GHz
Insertion Loss	Typical specs under 250kHz: ----- 3.0dB typical @ 16kHz 0.5dB typical @ 50kHz 0.1dB typical @ 100kHz Maximum specs 250kHz-40GHz: ----- 0.50dB maximum 250kHz-12GHz 0.75dB maximum 12GHz-32GHz 1.25dB maximum 32GHz-40GHz
RF Input Power	20 Watts average 16kHz-18GHz 10 Watts average 18-26.5GHz 5 Watts average 26.5-40GHz
DC Breakdown Voltage	75 Volts
Operating Temperature Range	-35°C to +85°C
RF Connector*	2.9mm male/female
Physical Size	See outline drawing 092-8085

* 2.9mm connectors are both electrically and mechanically compatible with K, 3.5mm, and SMA connectors.

ECR/ECN #	DATE	REV	APPR / DATE	ECR/ECN #	DATE	REV	APPR / DATE
	07/09/2015		BAC 07/09/2015				
26756	06/20/2016	A	TRS 06/20/2016				
28835	06/27/2018	B	BAC 06/27/2018				