

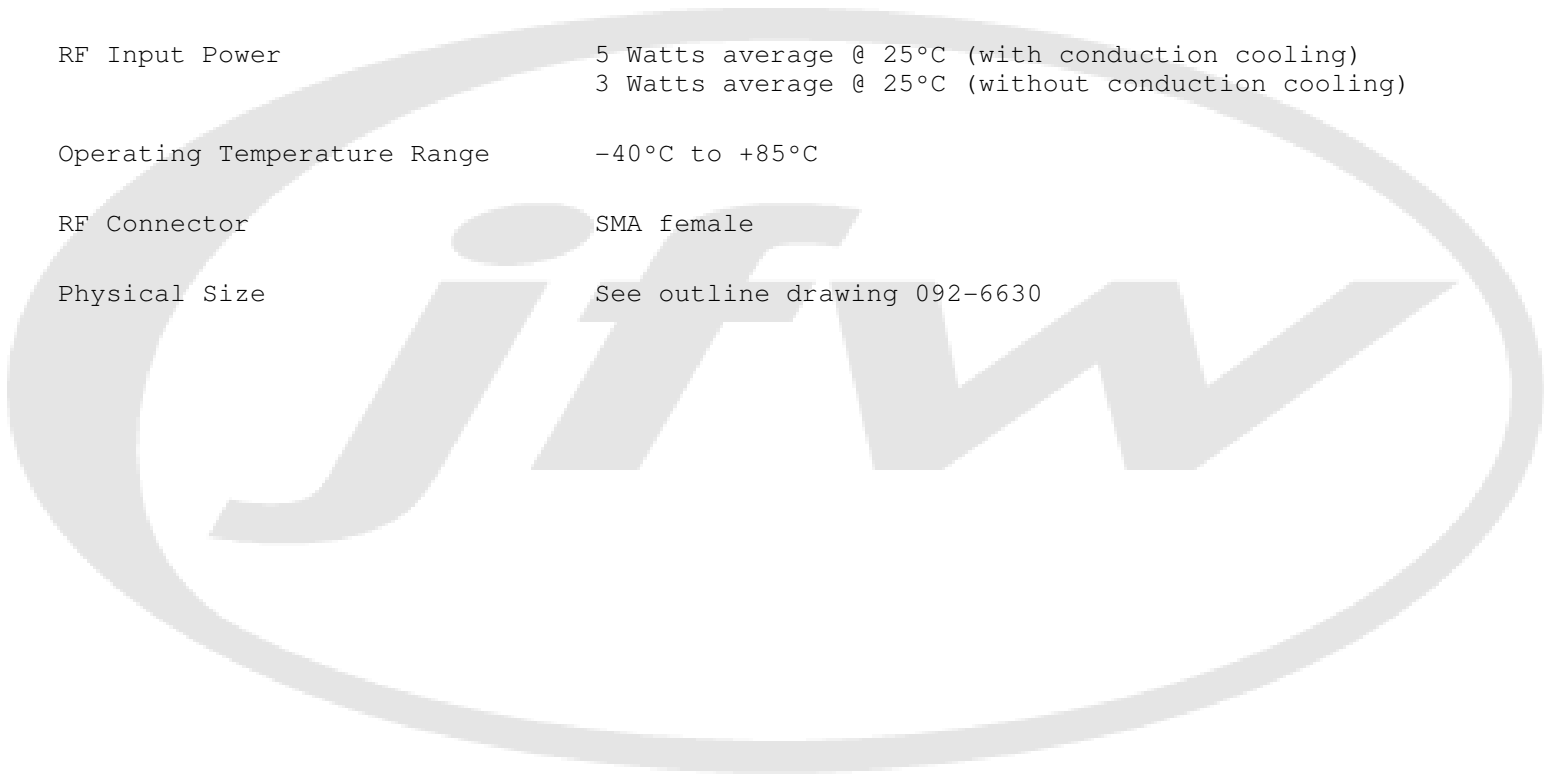
**SPECIFICATION SHEET**

**JFW MODEL 50PD-946**

**7 WAY RESISTIVE POWER DIVIDER/COMBINER**

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

Configuration	7 Way resistive divider/combiner (total # of ports = 8 ports)
Frequency Range	DC-6 GHz
Impedance	50 Ohms nominal
VSWR	1.75:1 maximum < 1.4:1 typical @ 3 GHz < 1.6:1 typical @ 6 GHz
Insertion Loss	16.5 dB ± 2.2 dB maximum 16.5 dB ± 1.5 dB typical
RF Input Power	5 Watts average @ 25°C (with conduction cooling) 3 Watts average @ 25°C (without conduction cooling)
Operating Temperature Range	-40°C to +85°C
RF Connector	SMA female
Physical Size	See outline drawing 092-6630



ECR/ECN #	DATE	REV	APPR / DATE	ECR/ECN #	DATE	REV	APPR / DATE
	08/15/2024		TRS 08/15/2024				