

**SPECIFICATION SHEET**

**JFW MODEL 50PD-943**

**2 WAY RESISTIVE POWER DIVIDER/COMBINER**

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Configuration 2 Way resistive divider/combiner  
(total # of ports = 3 ports)

Frequency Range DC-1000 MHz

Impedance 50 Ohms nominal

VSWR 1.2:1 maximum  
1.024:1 typical @ 20 MHz  
1.122:1 typical @ 1000 MHz

Insertion Loss 6.0 dB ± 0.15 dB maximum  
5.948 dB typical @ DC  
5.953 dB typical @ 20 MHz  
5.962 dB typical @ 1000 MHz

Amplitude Tracking ± 0.15 dB maximum  
± 0.0007 dB typical @ 20 MHz  
± 0.0359 dB typical @ 1000 MHz

RF Input Power 5 Watts average @ 25°C (with conduction cooling)  
3 Watts average @ 25°C (without conduction cooling)

Temperature Range -40°C to +85°C

RF Connector SMA female

Physical Size See outline drawing 092-10322

ECR/ECN #	DATE	REV	APPR / DATE	ECR/ECN #	DATE	REV	APPR / DATE
	07/09/2024		TRS 07/09/2024				