

**SPECIFICATION SHEET**

**JFW MODEL 50PD-950**

**4 WAY REACTIVE POWER DIVIDER/COMBINER**

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Frequency Range	18-40 GHz
Impedance	50 Ohms nominal
VSWR	1.9:1 maximum < 1.7:1 typical (divider port) < 1.5:1 typical (combiner ports)
Insertion Loss (above 6 dB split)	1.9 dB maximum 0.6 dB typical @ 18 GHz 1.2 dB typical @ 40 GHz
Amplitude Tracking	± 0.7 dB maximum ± 0.3 dB typical
Phase Tracking	± 9° maximum ± 5° typical
Isolation	16 dB minimum 18 dB typical
RF Input Power	10 Watts average (divider port) 0.25 Watts average (combiner ports)
Temperature Range	-40°C to +85°C (operating) -55°C to +125°C (storage)
RF Connector	2.92mm female
Physical Size	See outline drawing 092-9399

ECR/ECN #	DATE	REV	APPR / DATE	ECR/ECN #	DATE	REV	APPR / DATE
	10/24/2024		TRS 10/24/2024				