

**SPECIFICATION SHEET**

**JFW MODEL 50PD-958**

**4 WAY REACTIVE POWER DIVIDER/COMBINER**

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Frequency Range	12-18 GHz
Impedance	50 Ohms nominal
VSWR	1.6:1 maximum < 1.35:1 typical (divider port) < 1.25:1 typical (combiner ports)
Insertion Loss (above 6 dB split)	1.2 dB maximum 0.4 dB typical @ 12 GHz 0.7 dB typical @ 18 GHz
Amplitude Tracking	± 0.6 dB maximum ± 0.3 dB typical
Phase Tracking	± 7° maximum ± 3° typical
Isolation	18 dB minimum 21 dB typical
RF Input Power	10 Watts average (divider port) 0.25 Watts average (combiner ports)
Operating Temperature Range	-40°C to +85°C
RF Connector	SMA female
Physical Size	See outline drawing 092-10413

ECR/ECN #	DATE	REV	APPR / DATE	ECR/ECN #	DATE	REV	APPR / DATE
	02/05/2025		TRS 02/05/2025				