

SPECIFICATION SHEET

JFW MODEL 50PD-957

2 WAY REACTIVE POWER DIVIDER/COMBINER

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Frequency Range	12-18 GHz
Impedance	50 Ohms nominal
VSWR	1.5:1 maximum < 1.35:1 typical (divider port) < 1.25:1 typical (combiner ports)
Insertion Loss (above 3 dB split)	0.7 dB maximum 0.35 dB typical @ 12 GHz 0.45 dB typical @ 18 GHz
Amplitude Tracking	± 0.3 dB maximum ± 0.1 dB typical
Phase Tracking	± 6° maximum ± 3° typical
Isolation	20 dB minimum 22 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 092-10406

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