

**SPECIFICATION SHEET**

**JFW MODEL 50PD-859**

**2 WAY REACTIVE POWER DIVIDER/COMBINER**

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Frequency Range	1-26.5 GHz
Impedance	50 Ohms nominal
VSWR	1.8:1 maximum < 1.6:1 typical (divider port) < 1.5:1 typical (combiner ports)
Insertion Loss (above 3 dB split)	1.5 dB maximum 0.8 dB typical
Amplitude Tracking	± 0.8 dB maximum ± 0.4 dB typical
Phase Tracking	± 8° 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	SMA female
Physical Size	See outline drawing 092-9317

ECR/ECN #	DATE	REV	APPR / DATE	ECR/ECN #	DATE	REV	APPR / DATE
	04/18/2019		TRS 04/18/2019				