

SPECIFICATION SHEET

JFW MODEL 50PD-902

2 WAY REACTIVE POWER DIVIDER/COMBINER

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Frequency Range	1-18 GHz
Impedance	50 Ohms nominal
VSWR	1.6:1 maximum 1.4:1 typical (divider port) 1.3:1 typical (combiner ports)
Insertion Loss (above 3 dB split)	1.4 dB maximum 0.9 dB typical @ 18 GHz
Amplitude Tracking	± 0.6 dB maximum ± 0.3 dB typical
Phase Tracking	± 7° maximum ± 4° typical
Isolation	16 dB minimum 20 dB typical
RF Input Power	5 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 092-9912

ECR/ECN #	DATE	REV	APPR / DATE	ECR/ECN #	DATE	REV	APPR / DATE
	06/28/2022		TRS 06/28/2022				