

**SPECIFICATION SHEET**

**JFW MODEL 50PD-793**

**2 WAY REACTIVE POWER DIVIDER/COMBINER**

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Frequency Range	400-6000 MHz
Impedance	50 Ohms nominal
VSWR	1.5:1 maximum
Insertion Loss (above 3 dB split)	0.90 dB maximum 0.24 dB typical @ 400 MHz 0.52 dB typical @ 6000 MHz
Amplitude Tracking	± 0.35 dB
Phase Tracking	± 5°
Isolation	15 dB minimum 400-500MHz 18 dB minimum 500-6000MHz  17.4 dB typical @ 400 MHz 19.7 dB typical @ 450 MHz > 20 dB typical @ 500-6000 MHz
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 092-5371

ECR/ECN #	DATE	REV	APPR / DATE	ECR/ECN #	DATE	REV	APPR / DATE
	05/19/2014		BAC 05/19/2014				
26026	12/14/2015	A	TRS 12/14/2015				
28202	10/23/2017	B	TRS 10/23/2017				