

SPECIFICATION SHEET

JFW MODEL 50PD-794

4 WAY REACTIVE POWER DIVIDER/COMBINER

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Frequency Range	400-6000 MHz
Impedance	50 Ohms nominal
VSWR	1.6:1 maximum < 1.5:1 typical (divider port) < 1.3:1 typical (combiner ports)
Insertion Loss (above 6 dB split)	2.2 dB maximum 0.4 dB typical @ 400 MHz 1.5 dB typical @ 6000 MHz
Amplitude Tracking	± 0.6 dB maximum ± 0.1 dB typical
Phase Tracking	± 6° maximum ± 2° typical
Isolation	12 dB minimum 400-450MHz 15 dB minimum 450-500MHz 18 dB minimum 500-6000MHz 13.9 dB typical @ 400 MHz 16.1 dB typical @ 450 MHz 18.7 dB typical @ 500 MHz > 20 dB typical @ 700-6000 MHz
Matched 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 092-7218

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