

**SPECIFICATION SHEET**

**JFW MODEL 50PD-759**

**4 WAY REACTIVE POWER DIVIDER/COMBINER**

JFW Industries, Inc.  
Phone: 317-887-1340  
sales@jfwindustries.com  
www.jfwindustries.com

Frequency Range	350-500 MHz
Impedance	50 Ohms nominal
VSWR	1.3:1 maximum 1.2:1 typical (divider port) 1.1:1 typical (combiner ports)
Insertion Loss (above 6 dB split)	0.70 dB maximum 0.35 dB typical @ 350 MHz 0.51 dB typical @ 500 MHz
Amplitude Tracking	± 0.20 dB maximum ± 0.08 dB typical
Phase Tracking	± 2.0° maximum ± 0.8° typical
Isolation	22 dB minimum 24 dB typical
RF Input Power*	250 Watts average (divider) 100 Watts average per port (combiner)
Operating Temperature Range	-40°C to +85°C
RF Connector	SMA or N female
Physical Size	See outline drawing 092-7043

\* If combining two or more signals that are greater than 25 Watts average, an external heatsink may be required to keep the case temperature under 100°C.

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