

**SPECIFICATION SHEET**  
**JFW MODEL 50PDA-252**  
**POWER DIVIDER ASSEMBLY**

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Configuration 32-Way power divider/combiner  
(all SMA connectors on front panel)

Panel Type 19 inch rack mount @ 1RU high

Frequency Range 500-6000 MHz

Impedance 50 Ohms nominal

VSWR 1.9:1 maximum  
< 1.5:1 typical (divider port)  
< 1.3:1 typical (combiner ports)

Insertion Loss 5.2 dB maximum  
(above 15 dB split) 0.9 dB typical @ 500 MHz  
3.9 dB typical @ 6000 MHz

Amplitude Tracking  $\pm 0.8$  dB typical

Isolation 18 dB minimum  
19.4 dB typical @ 500 MHz  
22.0 dB typical @ > 600 MHz

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 092-10360

ECR/ECN #	DATE	REV	APPR / DATE	ECR/ECN #	DATE	REV	APPR / DATE
	10/09/2024		TRS 10/09/2024				