

SPECIFICATION SHEET
JFW MODEL 50PDA-250
POWER DIVIDER ASSEMBLY

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Configuration 16-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 4.0 dB maximum
(above 12 dB split) 0.6 dB typical @ 500 MHz
2.4 dB typical @ 6000 MHz

Amplitude Tracking ± 0.8 dB typical

Isolation 18 dB minimum
19.4 dB typical @ 500 MHz
23.0 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 092-10358

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