

SPECIFICATION SHEET
JFW MODEL 50PDA-200
POWER DIVIDER ASSEMBLY

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Configuration 8-Way power divider/combiner
 (all SMA connectors on front panel)

Panel Type 19 inch rack mount @ 1RU high

Frequency Range 350-6000 MHz

Impedance 50 Ohms nominal

VSWR 1.9:1 maximum
 1.6:1 typical (divider port)
 1.3:1 typical (combiner ports)

Insertion Loss (above 9 dB split) 3.6 dB maximum
 0.6 dB typical @ 350 MHz
 3.0 dB typical @ 6000 MHz

Amplitude Tracking ± 0.8 dB maximum
 ± 0.2 dB typical

Phase Tracking ± 9° maximum
 ± 3° typical

Isolation 10 dB minimum 350-500 MHz
 18 dB minimum 500-6000 MHz
 11.5 dB typical @ 350 MHz
 14.0 dB typical @ 400 MHz
 19.6 dB typical @ 500 MHz
 23.0 dB typical @ > 500 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 092-9495

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