

SPECIFICATION SHEET

JFW MODEL 50PD-920

16 WAY RESISTIVE POWER DIVIDER/COMBINER

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Configuration 16 Way resistive divider/combiner
(total # of ports = 17 ports)

Frequency Range DC-2 GHz

Impedance 50 Ohms nominal

VSWR 1.6:1 maximum
1.25:1 typical @ 1 GHz
1.35:1 typical @ 2 GHz

Insertion Loss
Adjacent Ports
-23.9 dB +3.0/-0.5 dB maximum
-23.95 dB @ DC typical (J1-J2)
-22.82 dB @ 1 GHz typical (J1-J2)
-21.61 dB @ 2 GHz typical (J1-J2)

Non-Adjacent Ports
-23.9 dB +2.0/-0.5 dB maximum
-22.81 dB typical @ 2 GHz (J1-J3)
-23.11 dB typical @ 2 GHz (J1-J4)
-23.37 dB typical @ 2 GHz (J1-J6)
-23.50 dB typical @ 2 GHz (J1-J10)

RF Input Power 5 Watts average @ 25°C (with conduction cooling)
3 Watts average @ 25°C (without conduction cooling)

Temperature Range -40°C to +85°C (operating)
-55°C to +125°C (storage)

RF Connector SMA female

Physical Size See outline drawing 092-7713

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