

SPECIFICATION SHEET

JFW MODEL 50PD-893

9 WAY RESISTIVE POWER DIVIDER/COMBINER

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Configuration 9 Way resistive divider/combiner
(total # of ports = 10 ports)

Frequency Range DC-6 GHz

Impedance 50 Ohms nominal

VSWR 1.75:1 maximum
< 1.6:1 typical @ 6 GHz
< 1.4:1 typical @ 3 GHz

Insertion Loss Non-Adjacent Ports
-19.5 dB ± 1.5 dB nominal
-19.37 dB typical @ DC (J1-J3)
-19.68 dB typical @ 6 GHz (J1-J3)
-19.36 dB typical @ DC (J1-J5)
-19.24 dB typical @ 6 GHz (J1-J5)

Adjacent Ports
-19.5 dB +0.5/-3.0 dB nominal
-19.38 dB typical @ DC (J2-J3)
-22.21 dB typical @ 6 GHz (J2-J3)
-19.38 dB typical @ DC (J6-J7)
-22.56 dB typical @ 6 GHz (J6-J7)

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

RF Connector SMA female

Physical Size See outline drawing 092-7067

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