

**SPECIFICATION SHEET**

**JFW MODEL 50PD-785**

**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 1.5:1 maximum  
1.13:1 typical @ 1 GHz  
1.27:1 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 1 Watt average @ 25°C

Operating Temperature Range -40°C to +85°C

RF Connector SMA female

Physical Size See outline drawing 092-7713

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