

SPECIFICATION SHEET

JFW MODEL 50PD-846

2 WAY REACTIVE POWER DIVIDER/COMBINER

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Frequency Range 350-6000 MHz

Impedance 50 Ohms nominal

VSWR 1.5:1 maximum
< 1.3:1 typical (divider port)
< 1.2:1 typical (combiner ports)

Insertion Loss 0.9 dB maximum
(above 3 dB split) 0.14 dB typical @ 350 MHz
0.53 dB typical @ 6000 MHz

Amplitude Tracking ± 0.35 dB maximum
± 0.04 dB typical

Phase Tracking ± 5.0° maximum
± 0.3° typical

Isolation 15 dB minimum 350-500 MHz
18 dB minimum 500-6000 MHz
17 dB typical @ 350 MHz
20 dB typical @ 400 MHz
23 dB typical @ > 400 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 092-9159

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	09/05/2018		TRS 09/05/2018				