

SPECIFICATION SHEET

JFW MODEL 50BT-067

BIAS TAP

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Frequency Range 10-2200 MHz

Impedance 50 Ohms nominal

VSWR 1.4:1 max (100-2200MHz, any DC current)
1.7:1 max (See chart below)

Typical VSWR under DC current load:

Current	10MHz	20MHz	50MHz
2 Amps	1.25:1	1.10:1	1.03:1
3 Amps	1.40:1	1.15:1	1.05:1
4 Amps	1.60:1	1.20:1	1.10:1

Insertion Loss 1.0 dB maximum 10-100 MHz (Any DC current, See chart)
1.0 dB maximum 100-1000MHz (Any DC current)
1.5 dB maximum 1000-2200MHz (Any DC current)

Typical Insertion Loss under DC current Load:

Current	10MHz	20MHz	50MHz
2 Amps	0.14dB	0.05dB	0.04dB
3 Amps	0.25dB	0.07dB	0.04dB
4 Amps	0.40dB	0.10dB	0.04dB

DC Breakdown Voltage 100 Volts

DC Current Handling 4 Amps

RF to DC Isolation 25 dB minimum

RF Input Power 2 Watts average

RF Connector N, SMA or TNC

DC Connector Solder Terminal

Operating Temperature Range -55°C to +85°C

Physical Size See outline drawing: 092-7559 (SMA)

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	08/05/2014		BAC 08/05/2014				