

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: <table><tr><td>Current</td><td>10MHz</td><td>20MHz</td><td>50MHz</td></tr><tr><td>2 Amps</td><td>1.25:1</td><td>1.10:1</td><td>1.03:1</td></tr><tr><td>3 Amps</td><td>1.40:1</td><td>1.15:1</td><td>1.05:1</td></tr><tr><td>4 Amps</td><td>1.60:1</td><td>1.20:1</td><td>1.10:1</td></tr></table>	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
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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: <table><tr><td>Current</td><td>10MHz</td><td>20MHz</td><td>50MHz</td></tr><tr><td>2 Amps</td><td>0.14dB</td><td>0.05dB</td><td>0.04dB</td></tr><tr><td>3 Amps</td><td>0.25dB</td><td>0.07dB</td><td>0.04dB</td></tr><tr><td>4 Amps</td><td>0.40dB</td><td>0.10dB</td><td>0.04dB</td></tr></table>	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
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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) 092-3030-01 (N)																

ECR/ECN #	DATE	REV	APPR / DATE	ECR/ECN #	DATE	REV	APPR / DATE
	08/05/2014		BAC 08/05/2014				
27718	04/17/2017	A	BAC 04/18/2017				