

Bias Tee , Plug In

PBTC-3G+

Typical Performance Data

TEST CONDITIONS: Input Current = 100mA, @Temperature = +25degC

FREQ. (MHz)	INSERTION LOSS (RF Port to RF&DC Port) (dB)	ISOLATION (RF&DC Port to DC Port) (dB)	ISOLATION (RF Port to DC Port) (dB)	VSWR		
				RF Port (:1)	RF&DC Port (:1)	DC port (:1)
10	0.02	27.89	27.59	1.09	1.14	17.57
50	0.14	31.89	31.89	1.06	1.03	82.73
70	0.13	34.53	34.52	1.06	1.02	133.63
80	0.14	35.45	35.44	1.06	1.02	157.93
100	0.14	36.99	37.06	1.06	1.02	157.93
110	0.14	37.77	37.75	1.05	1.02	144.77
120	0.15	38.51	38.59	1.06	1.02	157.93
130	0.15	39.32	39.46	1.06	1.02	157.93
140	0.15	40.18	40.35	1.06	1.02	173.72
150	0.16	41.07	41.38	1.07	1.02	157.93
160	0.16	42.05	42.49	1.07	1.02	173.72
170	0.16	43.04	43.59	1.08	1.02	124.09
180	0.17	44.06	44.81	1.08	1.02	108.58
190	0.17	45.27	46.27	1.09	1.02	82.73
200	0.17	46.28	47.39	1.08	1.02	57.91
210	0.17	46.92	47.75	1.08	1.02	42.38
220	0.18	47.81	48.50	1.07	1.02	38.61
230	0.18	49.01	48.42	1.07	1.02	36.97
240	0.18	49.53	47.39	1.07	1.02	31.60
250	0.18	49.62	46.14	1.07	1.03	26.33
260	0.19	49.00	44.69	1.07	1.03	20.70
270	0.19	48.35	43.27	1.08	1.03	15.53
300	0.21	46.20	40.36	1.09	1.03	5.54
400	0.26	41.16	38.51	1.08	1.03	5.70
500	0.23	36.66	32.30	1.05	1.04	4.77
600	0.23	38.85	35.10	1.01	1.07	2.99
700	0.32	41.55	39.33	1.02	1.13	8.90
800	0.30	34.46	31.86	1.09	1.17	6.11
900	0.33	32.53	29.54	1.12	1.16	1.28
1000	0.53	37.78	36.42	1.13	1.16	2.89
1100	0.58	34.07	32.28	1.15	1.17	2.03
1200	0.45	36.76	34.88	1.22	1.19	3.56
1300	0.53	41.99	44.97	1.25	1.16	4.47
1400	0.68	37.33	37.28	1.37	1.18	3.50
1500	0.60	35.77	34.36	1.39	1.25	1.62
1600	0.56	41.56	40.68	1.40	1.35	2.45
1700	0.73	41.55	42.10	1.46	1.37	3.11
1800	0.82	37.33	38.52	1.47	1.38	2.67
1900	0.73	39.59	49.54	1.40	1.40	3.14
2000	0.66	42.96	41.82	1.37	1.47	3.18
2100	0.73	39.19	38.46	1.33	1.45	2.14
2200	0.78	40.18	39.71	1.29	1.38	2.65
2300	0.79	40.16	39.04	1.31	1.34	2.43
2400	0.85	39.06	39.37	1.38	1.31	3.01
2500	0.94	41.04	42.42	1.36	1.29	3.96
2600	1.03	46.35	42.26	1.33	1.29	4.54
2700	1.08	44.12	39.38	1.29	1.28	4.57
2800	1.10	38.50	35.96	1.16	1.29	3.28
2900	1.14	38.59	36.49	1.12	1.30	3.71
3000	1.29	38.52	36.40	1.31	1.35	4.23
3100	1.47	39.56	37.77	1.44	1.40	4.78
3200	1.64	41.59	38.15	1.54	1.47	5.44

REV. X1
PBTC-3G+
090803
Page 1 of 1



IF/RF MICROWAVE COMPONENTS • ISO 9001 ISO 14001 AS 9100 CERTIFIED • RoHS compliant
P.O. Box 350166, Brooklyn, New York 11235-0003 (718) 934-4500 Fax (718) 332-4661



The Design Engineers Search Engine finds the model you need, Instantly • For detailed performance specs & shopping online see

