

# 2 Way-0° Power Splitter/Combiner

# PSC-2-1+

## Typical Performance Data

FREQ. (MHz)	TOTAL LOSS <sup>1</sup> (dB)		AMP. UNBAL. (dB)	ISOLATION (dB) 1-2	PHASE UNBAL. (deg.)	FREQ. (MHz)	VSWR (:1)		
	S-1	S-2					S	1	2
0.10	3.23	3.23	0.00	24.82	0.01	0.10	1.16	1.37	1.37
0.19	3.21	3.21	0.00	29.37	0.02	0.19	1.11	1.24	1.24
0.28	3.20	3.20	0.00	31.98	0.05	0.28	1.10	1.20	1.20
0.37	3.20	3.20	0.00	33.56	0.02	0.37	1.09	1.18	1.18
0.46	3.20	3.20	0.00	34.52	0.02	0.46	1.09	1.17	1.17
0.55	3.19	3.19	0.00	35.11	0.01	0.55	1.09	1.16	1.16
0.64	3.18	3.18	0.00	35.48	0.02	0.64	1.09	1.16	1.16
0.73	3.18	3.18	0.00	35.68	0.01	0.73	1.09	1.15	1.15
0.82	3.17	3.17	0.00	35.80	0.00	0.82	1.09	1.15	1.15
0.91	3.17	3.17	0.00	35.87	0.01	0.91	1.09	1.14	1.14
1.00	3.17	3.16	0.00	35.91	0.00	1.00	1.09	1.14	1.14
5.00	3.14	3.14	0.00	35.64	0.01	5.00	1.10	1.11	1.11
10.00	3.15	3.15	0.00	35.55	0.00	10.00	1.11	1.10	1.10
15.00	3.16	3.16	0.00	35.45	0.03	15.00	1.11	1.10	1.10
20.00	3.18	3.17	0.00	35.33	0.03	20.00	1.11	1.10	1.10
25.00	3.18	3.18	0.00	35.17	0.01	25.00	1.11	1.10	1.10
30.00	3.18	3.18	0.00	34.93	0.00	30.00	1.11	1.10	1.10
35.00	3.18	3.18	0.00	34.68	0.01	35.00	1.12	1.10	1.10
40.00	3.18	3.18	0.00	34.39	0.02	40.00	1.12	1.10	1.10
45.00	3.18	3.18	0.00	34.09	0.02	45.00	1.12	1.10	1.09
50.00	3.19	3.19	0.00	33.78	0.02	50.00	1.12	1.09	1.09
55.00	3.20	3.20	0.00	33.46	0.03	55.00	1.12	1.09	1.09
60.00	3.22	3.22	0.00	33.16	0.02	60.00	1.12	1.09	1.09
65.00	3.22	3.22	0.00	32.83	0.00	65.00	1.12	1.09	1.09
70.00	3.23	3.23	0.00	32.50	0.05	70.00	1.12	1.09	1.09
75.00	3.24	3.24	0.00	32.18	0.03	75.00	1.12	1.09	1.09
80.00	3.24	3.24	0.00	31.85	0.04	80.00	1.13	1.09	1.09
85.00	3.24	3.24	0.00	31.55	0.01	85.00	1.13	1.09	1.09
90.00	3.24	3.24	0.00	31.25	0.04	90.00	1.13	1.09	1.09
95.00	3.24	3.24	0.00	30.95	0.02	95.00	1.13	1.09	1.09
100.00	3.24	3.24	0.00	30.68	0.05	100.00	1.13	1.09	1.09
125.00	3.26	3.26	0.00	29.43	0.04	125.00	1.13	1.08	1.08
150.00	3.28	3.27	0.00	28.37	0.04	150.00	1.14	1.08	1.08
175.00	3.31	3.30	0.01	27.46	0.07	175.00	1.14	1.07	1.07
200.00	3.32	3.31	0.01	26.72	0.05	200.00	1.15	1.07	1.07
225.00	3.32	3.31	0.01	26.14	0.02	225.00	1.15	1.06	1.06
250.00	3.37	3.36	0.01	25.65	0.05	250.00	1.15	1.06	1.06
275.00	3.38	3.36	0.02	25.20	0.11	275.00	1.15	1.06	1.06
300.00	3.41	3.38	0.03	24.88	0.10	300.00	1.15	1.06	1.06
350.00	3.47	3.44	0.03	24.40	0.06	350.00	1.16	1.08	1.07
400.00	3.50	3.46	0.04	23.86	0.05	400.00	1.18	1.10	1.09

<sup>1</sup>Total Loss = Insertion Loss + 3dB Splitter Loss

