

2 Way-90° Power Splitter/Combiner

PSCQ-2-40

Typical Performance Data

FREQ. (MHz)	TOTAL LOSS ¹ (dB)			AMP. UNBAL. (dB)	ISOLATION (dB)	PHASE UNBAL. (deg.)	FREQ. (MHz)	VSWR (:1)		
	S-1	S-2	AVG.					S	1	2
23.0	3.29	3.04	3.17	0.25	25.98	90.99	23.0	1.11	1.09	1.11
23.2	3.27	3.06	3.17	0.21	25.94	91.00	23.2	1.11	1.09	1.11
23.4	3.25	3.07	3.16	0.18	25.89	91.04	23.4	1.11	1.09	1.11
23.6	3.24	3.09	3.17	0.15	25.87	91.04	23.6	1.11	1.09	1.12
23.8	3.22	3.11	3.17	0.12	25.82	91.07	23.8	1.11	1.10	1.12
24.0	3.21	3.12	3.17	0.09	25.79	91.06	24.0	1.11	1.10	1.12
24.2	3.19	3.14	3.17	0.06	25.75	91.09	24.2	1.11	1.10	1.12
24.4	3.18	3.15	3.17	0.03	25.70	91.11	24.4	1.11	1.10	1.12
24.6	3.16	3.17	3.17	0.00	25.67	91.11	24.6	1.11	1.10	1.12
24.8	3.15	3.18	3.17	0.03	25.65	91.13	24.8	1.11	1.10	1.12
25.0	3.14	3.20	3.17	0.06	25.61	91.13	25.0	1.11	1.10	1.12
25.5	3.10	3.23	3.17	0.12	25.52	91.16	25.5	1.11	1.10	1.12
26.0	3.08	3.26	3.17	0.18	25.45	91.21	26.0	1.11	1.10	1.12
26.5	3.04	3.29	3.17	0.25	25.38	91.26	26.5	1.11	1.10	1.12
27.0	3.02	3.32	3.17	0.30	25.32	91.25	27.0	1.12	1.10	1.13
27.5	3.00	3.35	3.18	0.35	25.25	91.30	27.5	1.12	1.10	1.13
28.0	2.98	3.38	3.18	0.39	25.20	91.32	28.0	1.12	1.11	1.13
28.5	2.96	3.40	3.18	0.44	25.15	91.36	28.5	1.12	1.11	1.13
29.0	2.94	3.42	3.18	0.48	25.11	91.40	29.0	1.12	1.11	1.13
29.5	2.93	3.44	3.19	0.51	25.05	91.39	29.5	1.12	1.11	1.13
30.0	2.91	3.46	3.19	0.55	25.01	91.43	30.0	1.12	1.11	1.13
30.5	2.90	3.48	3.19	0.58	24.99	91.47	30.5	1.12	1.11	1.13
31.0	2.88	3.49	3.19	0.61	24.95	91.49	31.0	1.12	1.11	1.13
31.5	2.88	3.51	3.20	0.64	24.92	91.51	31.5	1.12	1.11	1.14
32.0	2.87	3.52	3.20	0.65	24.90	91.56	32.0	1.12	1.11	1.14
32.5	2.86	3.54	3.20	0.68	24.88	91.58	32.5	1.12	1.12	1.14
33.0	2.85	3.55	3.20	0.70	24.87	91.58	33.0	1.13	1.12	1.14
33.5	2.85	3.55	3.20	0.71	24.85	91.61	33.5	1.13	1.12	1.14
34.0	2.84	3.56	3.20	0.72	24.84	91.67	34.0	1.13	1.12	1.14
34.5	2.84	3.57	3.21	0.73	24.83	91.68	34.5	1.13	1.12	1.14
35.0	2.84	3.58	3.21	0.74	24.83	91.71	35.0	1.13	1.12	1.14
35.5	2.84	3.58	3.21	0.74	24.84	91.71	35.5	1.13	1.12	1.14
36.0	2.83	3.59	3.21	0.75	24.83	91.77	36.0	1.13	1.12	1.14
36.5	2.84	3.59	3.22	0.75	24.85	91.78	36.5	1.13	1.12	1.14
37.0	2.84	3.58	3.21	0.74	24.85	91.83	37.0	1.13	1.12	1.14
37.5	2.84	3.60	3.22	0.75	24.88	91.84	37.5	1.13	1.12	1.14
38.0	2.85	3.59	3.22	0.75	24.89	91.86	38.0	1.13	1.12	1.14
38.5	2.85	3.58	3.22	0.74	24.92	91.88	38.5	1.13	1.12	1.14
39.0	2.85	3.59	3.22	0.74	24.95	91.89	39.0	1.13	1.12	1.14
39.5	2.85	3.59	3.22	0.73	24.99	91.95	39.5	1.13	1.12	1.14
40.0	2.86	3.58	3.22	0.72	25.02	91.93	40.0	1.13	1.12	1.14

¹ Total Loss = Insertion Loss+ 3dB Splitter Loss

