

2 Way-90° Power Splitter/Combiner

PSCQ-2-60

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
30.0	2.72	3.64	3.18	0.93	28.40	90.54	30.0	1.08	1.09	1.09
30.5	2.70	3.66	3.18	0.96	28.39	90.59	30.5	1.08	1.09	1.09
31.0	2.69	3.68	3.19	0.99	28.39	90.59	31.0	1.08	1.09	1.10
31.5	2.68	3.70	3.19	1.01	28.41	90.64	31.5	1.08	1.09	1.10
32.0	2.67	3.72	3.20	1.05	28.42	90.65	32.0	1.08	1.09	1.10
32.5	2.66	3.73	3.20	1.07	28.42	90.65	32.5	1.08	1.09	1.10
33.0	2.65	3.75	3.20	1.09	28.46	90.68	33.0	1.08	1.09	1.10
33.5	2.65	3.76	3.21	1.11	28.46	90.67	33.5	1.08	1.09	1.10
34.0	2.64	3.76	3.20	1.12	28.50	90.70	34.0	1.08	1.09	1.10
34.5	2.64	3.78	3.21	1.14	28.51	90.70	34.5	1.08	1.09	1.10
35.0	2.64	3.78	3.21	1.15	28.54	90.71	35.0	1.08	1.09	1.10
35.5	2.63	3.79	3.21	1.16	28.59	90.74	35.5	1.08	1.09	1.10
36.0	2.63	3.79	3.21	1.16	28.64	90.76	36.0	1.08	1.09	1.10
36.5	2.63	3.80	3.22	1.17	28.68	90.79	36.5	1.08	1.09	1.10
37.0	2.63	3.80	3.22	1.17	28.74	90.81	37.0	1.08	1.09	1.10
37.5	2.63	3.80	3.22	1.17	28.79	90.82	37.5	1.08	1.09	1.10
38.0	2.63	3.80	3.22	1.17	28.85	90.84	38.0	1.08	1.09	1.10
38.5	2.63	3.80	3.22	1.17	28.94	90.84	38.5	1.08	1.09	1.10
39.0	2.63	3.80	3.22	1.17	29.01	90.86	39.0	1.08	1.09	1.10
39.5	2.64	3.80	3.22	1.16	29.09	90.88	39.5	1.08	1.09	1.10
40.0	2.64	3.80	3.22	1.15	29.18	90.89	40.0	1.08	1.09	1.10
41.0	2.65	3.79	3.22	1.14	29.37	90.92	41.0	1.08	1.09	1.10
42.0	2.66	3.77	3.22	1.11	29.59	90.94	42.0	1.07	1.09	1.10
43.0	2.68	3.76	3.22	1.09	29.83	90.96	43.0	1.07	1.09	1.10
44.0	2.70	3.74	3.22	1.04	30.12	90.95	44.0	1.07	1.09	1.10
45.0	2.71	3.72	3.22	1.01	30.42	91.04	45.0	1.07	1.09	1.10
46.0	2.73	3.70	3.22	0.97	30.77	91.04	46.0	1.07	1.09	1.10
47.0	2.76	3.68	3.22	0.92	31.16	91.05	47.0	1.06	1.08	1.10
48.0	2.79	3.65	3.22	0.86	31.59	91.08	48.0	1.06	1.08	1.10
49.0	2.81	3.62	3.22	0.81	32.07	91.13	49.0	1.06	1.08	1.10
50.0	2.84	3.59	3.22	0.75	32.65	91.13	50.0	1.05	1.08	1.10
51.0	2.86	3.56	3.21	0.70	33.25	91.18	51.0	1.05	1.08	1.09
52.0	2.90	3.52	3.21	0.62	33.98	91.20	52.0	1.05	1.08	1.09
53.0	2.93	3.49	3.21	0.56	34.77	91.24	53.0	1.04	1.07	1.09
54.0	2.96	3.45	3.21	0.49	35.66	91.27	54.0	1.04	1.07	1.09
55.0	3.01	3.42	3.22	0.41	36.75	91.29	55.0	1.03	1.07	1.09
56.0	3.04	3.38	3.21	0.34	38.01	91.32	56.0	1.03	1.07	1.09
57.0	3.08	3.34	3.21	0.26	39.56	91.32	57.0	1.02	1.07	1.09
58.0	3.12	3.30	3.21	0.18	41.46	91.37	58.0	1.02	1.06	1.09
59.0	3.17	3.27	3.22	0.10	43.79	91.44	59.0	1.01	1.06	1.09
60.0	3.21	3.22	3.22	0.01	46.39	91.43	60.0	1.01	1.06	1.09

¹ Total Loss = Insertion Loss+ 3dB Splitter Loss

