

2 Way-90° Power Splitter/Combiner

PSCQ-2-70+

Typical Performance Data

FREQ. (MHz)	TOTAL LOSS ¹			AMP. UNBAL. (dB)	ISOLATION (dB)	PHASE UNBAL. (deg.)	FREQ. (MHz)	VSWR		
	S-1	S-2	AVG.					S	1	2
40.0	3.41	2.74	3.08	0.67	30.02	90.13	40.0	1.03	1.04	1.05
40.5	3.37	2.78	3.08	0.59	30.03	90.10	40.5	1.03	1.04	1.05
41.0	3.33	2.81	3.07	0.52	30.05	90.13	41.0	1.03	1.04	1.05
41.5	3.30	2.84	3.07	0.46	30.05	90.14	41.5	1.03	1.04	1.05
42.0	3.27	2.87	3.07	0.39	30.07	90.15	42.0	1.03	1.04	1.05
42.5	3.24	2.90	3.07	0.34	30.08	90.16	42.5	1.03	1.04	1.05
43.0	3.21	2.94	3.08	0.27	30.08	90.21	43.0	1.03	1.04	1.05
43.5	3.18	2.97	3.08	0.21	30.12	90.18	43.5	1.03	1.04	1.05
44.0	3.15	2.99	3.07	0.16	30.13	90.20	44.0	1.03	1.04	1.05
44.5	3.13	3.02	3.08	0.10	30.15	90.19	44.5	1.03	1.04	1.05
45.0	3.10	3.05	3.08	0.06	30.14	90.23	45.0	1.03	1.04	1.05
45.5	3.08	3.08	3.08	0.00	30.16	90.25	45.5	1.03	1.04	1.05
46.0	3.05	3.10	3.08	0.05	30.17	90.24	46.0	1.03	1.04	1.05
46.5	3.03	3.13	3.08	0.10	30.18	90.22	46.5	1.03	1.04	1.05
47.0	3.01	3.15	3.08	0.14	30.21	90.24	47.0	1.03	1.04	1.05
47.5	2.99	3.17	3.08	0.18	30.22	90.25	47.5	1.03	1.03	1.05
48.0	2.97	3.20	3.09	0.23	30.23	90.29	48.0	1.02	1.03	1.05
48.5	2.95	3.22	3.09	0.27	30.26	90.30	48.5	1.02	1.03	1.05
49.0	2.93	3.25	3.09	0.31	30.27	90.29	49.0	1.02	1.03	1.05
49.5	2.92	3.27	3.10	0.35	30.28	90.32	49.5	1.02	1.03	1.05
50.0	2.90	3.28	3.09	0.39	30.30	90.35	50.0	1.02	1.03	1.05
51.0	2.87	3.32	3.10	0.45	30.33	90.36	51.0	1.02	1.03	1.04
52.0	2.85	3.36	3.11	0.51	30.36	90.37	52.0	1.02	1.03	1.04
53.0	2.83	3.39	3.11	0.56	30.39	90.38	53.0	1.02	1.03	1.04
54.0	2.81	3.42	3.12	0.61	30.44	90.39	54.0	1.02	1.03	1.04
55.0	2.79	3.44	3.12	0.65	30.45	90.42	55.0	1.02	1.03	1.04
56.0	2.79	3.47	3.13	0.68	30.48	90.45	56.0	1.02	1.03	1.04
57.0	2.78	3.49	3.14	0.71	30.50	90.43	57.0	1.02	1.03	1.04
58.0	2.77	3.50	3.14	0.73	30.53	90.54	58.0	1.02	1.03	1.04
59.0	2.77	3.51	3.14	0.74	30.56	90.54	59.0	1.03	1.04	1.04
60.0	2.77	3.51	3.14	0.74	30.55	90.55	60.0	1.03	1.04	1.04
61.0	2.78	3.52	3.15	0.75	30.57	90.57	61.0	1.03	1.04	1.04
62.0	2.79	3.52	3.16	0.74	30.58	90.61	62.0	1.03	1.04	1.03
63.0	2.80	3.52	3.16	0.72	30.58	90.62	63.0	1.04	1.04	1.03
64.0	2.81	3.51	3.16	0.69	30.57	90.67	64.0	1.04	1.04	1.03
65.0	2.83	3.49	3.16	0.66	30.55	90.71	65.0	1.04	1.04	1.03
66.0	2.86	3.48	3.17	0.62	30.54	90.73	66.0	1.05	1.04	1.03
67.0	2.89	3.46	3.18	0.57	30.53	90.75	67.0	1.05	1.05	1.03
68.0	2.92	3.43	3.18	0.52	30.49	90.83	68.0	1.05	1.05	1.03
69.0	2.96	3.41	3.19	0.45	30.47	90.89	69.0	1.06	1.05	1.03
70.0	3.01	3.38	3.20	0.37	30.43	90.92	70.0	1.06	1.05	1.03

¹ Total Loss = Insertion Loss+ 3dB Splitter Loss

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