

2 Way-90° Power Splitter/Combiner

PSCQ-2-90+

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
55.0	3.49	2.69	3.09	0.80	27.92	90.63	55.0	1.09	1.08	1.04
55.5	3.47	2.71	3.09	0.76	27.90	90.64	55.5	1.09	1.08	1.04
56.0	3.45	2.73	3.09	0.72	27.91	90.61	56.0	1.09	1.09	1.04
56.5	3.42	2.75	3.09	0.67	27.93	90.66	56.5	1.09	1.09	1.03
57.0	3.40	2.78	3.09	0.63	27.94	90.62	57.0	1.09	1.09	1.03
57.5	3.38	2.80	3.09	0.58	27.93	90.67	57.5	1.09	1.09	1.03
58.0	3.37	2.83	3.10	0.54	27.94	90.66	58.0	1.09	1.09	1.03
58.5	3.35	2.85	3.10	0.50	27.94	90.67	58.5	1.09	1.09	1.03
59.0	3.33	2.86	3.10	0.46	27.94	90.65	59.0	1.09	1.09	1.03
59.5	3.31	2.88	3.10	0.43	27.95	90.69	59.5	1.09	1.09	1.03
60.0	3.29	2.91	3.10	0.38	27.94	90.70	60.0	1.09	1.09	1.03
61.0	3.26	2.94	3.10	0.32	27.96	90.71	61.0	1.09	1.09	1.03
62.0	3.23	2.98	3.11	0.25	27.95	90.70	62.0	1.09	1.09	1.03
63.0	3.20	3.01	3.11	0.19	27.95	90.71	63.0	1.09	1.09	1.02
64.0	3.17	3.05	3.11	0.13	27.95	90.72	64.0	1.10	1.09	1.02
65.0	3.15	3.08	3.12	0.08	27.93	90.74	65.0	1.10	1.09	1.02
66.0	3.13	3.10	3.12	0.03	27.90	90.71	66.0	1.10	1.10	1.02
67.0	3.11	3.13	3.12	0.02	27.88	90.73	67.0	1.10	1.10	1.02
68.0	3.10	3.15	3.13	0.06	27.85	90.75	68.0	1.10	1.10	1.02
69.0	3.07	3.17	3.12	0.10	27.81	90.74	69.0	1.10	1.10	1.02
70.0	3.07	3.19	3.13	0.13	27.78	90.78	70.0	1.10	1.10	1.02
71.0	3.05	3.21	3.13	0.16	27.72	90.77	71.0	1.11	1.10	1.01
72.0	3.04	3.23	3.14	0.18	27.66	90.79	72.0	1.11	1.10	1.01
73.0	3.03	3.24	3.14	0.20	27.59	90.77	73.0	1.11	1.11	1.01
74.0	3.03	3.25	3.14	0.22	27.53	90.79	74.0	1.11	1.11	1.01
75.0	3.03	3.26	3.15	0.23	27.44	90.80	75.0	1.11	1.11	1.01
76.0	3.03	3.27	3.15	0.24	27.35	90.81	76.0	1.11	1.11	1.01
77.0	3.03	3.27	3.15	0.24	27.26	90.84	77.0	1.12	1.11	1.01
78.0	3.03	3.28	3.16	0.24	27.15	90.87	78.0	1.12	1.12	1.01
79.0	3.04	3.27	3.16	0.23	27.03	90.87	79.0	1.12	1.12	1.01
80.0	3.06	3.27	3.17	0.22	26.90	90.87	80.0	1.12	1.12	1.02
81.0	3.07	3.27	3.17	0.21	26.77	90.85	81.0	1.13	1.12	1.02
82.0	3.08	3.27	3.18	0.19	26.62	90.91	82.0	1.13	1.13	1.02
83.0	3.11	3.27	3.19	0.16	26.46	90.89	83.0	1.13	1.13	1.02
84.0	3.13	3.26	3.20	0.13	26.30	90.93	84.0	1.14	1.13	1.03
85.0	3.15	3.25	3.20	0.10	26.12	90.94	85.0	1.14	1.14	1.03
86.0	3.18	3.24	3.21	0.06	25.94	90.95	86.0	1.14	1.14	1.03
87.0	3.21	3.22	3.22	0.01	25.76	90.97	87.0	1.15	1.14	1.03
88.0	3.25	3.21	3.23	0.04	25.55	90.98	88.0	1.15	1.15	1.04
89.0	3.29	3.19	3.24	0.10	25.35	91.02	89.0	1.15	1.15	1.04
90.0	3.33	3.17	3.25	0.16	25.12	91.05	90.0	1.16	1.16	1.04

¹ Total Loss = Insertion Loss+ 3dB Splitter Loss

