

2 Way-90° Power Splitter/Combiner

PSCQ-2-120+

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
80.0	3.54	2.82	3.18	0.72	24.60	90.06	80.0	1.15	1.13	1.16
81.0	3.50	2.86	3.18	0.65	24.52	90.05	81.0	1.15	1.13	1.16
82.0	3.46	2.88	3.17	0.58	24.46	90.09	82.0	1.15	1.13	1.16
83.0	3.44	2.91	3.18	0.52	24.39	90.10	83.0	1.15	1.13	1.16
84.0	3.40	2.95	3.18	0.46	24.33	90.14	84.0	1.15	1.13	1.16
85.0	3.36	2.98	3.17	0.38	24.27	90.20	85.0	1.15	1.13	1.16
86.0	3.34	3.00	3.17	0.34	24.19	90.22	86.0	1.15	1.13	1.16
87.0	3.30	3.02	3.16	0.27	24.13	90.21	87.0	1.15	1.13	1.16
88.0	3.27	3.05	3.16	0.22	24.06	90.24	88.0	1.15	1.13	1.16
89.0	3.24	3.07	3.16	0.17	23.99	90.25	89.0	1.15	1.13	1.16
90.0	3.21	3.11	3.16	0.10	23.93	90.29	90.0	1.15	1.13	1.16
91.0	3.18	3.12	3.15	0.06	23.86	90.30	91.0	1.15	1.13	1.16
92.0	3.16	3.16	3.16	0.00	23.79	90.33	92.0	1.15	1.13	1.17
93.0	3.14	3.18	3.16	0.04	23.72	90.32	93.0	1.15	1.13	1.17
94.0	3.11	3.19	3.15	0.08	23.65	90.38	94.0	1.15	1.13	1.17
95.0	3.09	3.22	3.16	0.13	23.58	90.40	95.0	1.15	1.13	1.17
96.0	3.07	3.24	3.16	0.17	23.50	90.40	96.0	1.15	1.14	1.17
97.0	3.06	3.26	3.16	0.20	23.43	90.46	97.0	1.15	1.14	1.17
98.0	3.04	3.28	3.16	0.25	23.35	90.47	98.0	1.15	1.14	1.17
99.0	3.01	3.31	3.16	0.30	23.29	90.50	99.0	1.15	1.14	1.17
100.0	2.99	3.31	3.15	0.32	23.20	90.51	100.0	1.15	1.14	1.18
101.0	2.98	3.33	3.16	0.36	23.12	90.55	101.0	1.15	1.14	1.18
102.0	2.97	3.36	3.17	0.39	23.06	90.55	102.0	1.15	1.14	1.18
103.0	2.96	3.37	3.17	0.42	22.97	90.62	103.0	1.15	1.14	1.18
104.0	2.94	3.38	3.16	0.44	22.90	90.62	104.0	1.15	1.14	1.18
105.0	2.94	3.41	3.18	0.48	22.82	90.70	105.0	1.15	1.14	1.18
106.0	2.92	3.42	3.17	0.50	22.74	90.71	106.0	1.15	1.15	1.19
107.0	2.91	3.43	3.17	0.51	22.65	90.72	107.0	1.15	1.15	1.19
108.0	2.91	3.45	3.18	0.54	22.58	90.80	108.0	1.15	1.15	1.19
109.0	2.90	3.46	3.18	0.56	22.50	90.82	109.0	1.16	1.15	1.19
110.0	2.90	3.47	3.19	0.58	22.41	90.88	110.0	1.16	1.15	1.20
111.0	2.89	3.48	3.19	0.59	22.32	90.88	111.0	1.16	1.15	1.20
112.0	2.89	3.49	3.19	0.61	22.24	90.95	112.0	1.16	1.15	1.20
113.0	2.89	3.51	3.20	0.62	22.16	90.99	113.0	1.16	1.16	1.20
114.0	2.89	3.51	3.20	0.63	22.07	91.08	114.0	1.16	1.16	1.21
115.0	2.88	3.52	3.20	0.64	21.98	91.08	115.0	1.16	1.16	1.21
116.0	2.88	3.53	3.21	0.65	21.88	91.12	116.0	1.17	1.16	1.21
117.0	2.88	3.53	3.21	0.65	21.79	91.20	117.0	1.17	1.16	1.21
118.0	2.88	3.54	3.21	0.66	21.70	91.25	118.0	1.17	1.17	1.22
119.0	2.88	3.54	3.21	0.66	21.60	91.29	119.0	1.17	1.17	1.22
120.0	2.89	3.55	3.22	0.66	21.50	91.37	120.0	1.17	1.17	1.22

¹ Total Loss = Insertion Loss+ 3 dB Splitter Loss