

2 Way-90° Power Splitter/Combiner

PSCQ-2-180+

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
120.0	3.55	2.82	3.19	0.73	34.64	89.83	120.0	1.04	1.05	1.04
121.5	3.53	2.84	3.19	0.69	34.69	89.82	121.5	1.04	1.05	1.05
123.0	3.51	2.86	3.19	0.65	34.74	89.83	123.0	1.04	1.05	1.05
124.5	3.49	2.88	3.19	0.60	34.80	89.83	124.5	1.04	1.05	1.05
126.0	3.47	2.90	3.19	0.56	34.89	89.84	126.0	1.04	1.05	1.05
127.5	3.45	2.92	3.19	0.52	34.96	89.89	127.5	1.04	1.06	1.05
129.0	3.43	2.94	3.19	0.49	35.06	89.85	129.0	1.04	1.06	1.05
130.5	3.41	2.96	3.19	0.46	35.13	89.87	130.5	1.04	1.06	1.05
132.0	3.40	2.98	3.19	0.42	35.18	89.85	132.0	1.04	1.06	1.05
133.5	3.39	3.00	3.20	0.39	35.27	89.90	133.5	1.04	1.06	1.05
135.0	3.37	3.01	3.19	0.36	35.35	89.91	135.0	1.04	1.06	1.05
136.5	3.37	3.03	3.20	0.34	35.42	89.92	136.5	1.04	1.06	1.05
138.0	3.35	3.05	3.20	0.31	35.49	89.89	138.0	1.04	1.06	1.05
139.5	3.35	3.06	3.21	0.29	35.59	89.95	139.5	1.04	1.06	1.05
141.0	3.35	3.07	3.21	0.27	35.71	89.93	141.0	1.04	1.06	1.05
142.5	3.34	3.08	3.21	0.26	35.76	89.94	142.5	1.04	1.06	1.05
144.0	3.34	3.10	3.22	0.24	35.88	89.95	144.0	1.05	1.06	1.05
145.5	3.33	3.10	3.22	0.23	35.98	89.94	145.5	1.05	1.07	1.05
147.0	3.34	3.12	3.23	0.22	36.06	89.93	147.0	1.05	1.07	1.05
148.5	3.35	3.12	3.24	0.22	36.16	89.93	148.5	1.05	1.07	1.05
150.0	3.34	3.13	3.24	0.21	36.25	89.90	150.0	1.05	1.07	1.05
151.5	3.35	3.13	3.24	0.22	36.33	89.97	151.5	1.05	1.07	1.06
153.0	3.35	3.13	3.24	0.22	36.41	89.93	153.0	1.05	1.07	1.06
154.5	3.36	3.14	3.25	0.22	36.48	89.95	154.5	1.05	1.07	1.06
156.0	3.37	3.13	3.25	0.24	36.57	89.91	156.0	1.06	1.07	1.06
157.5	3.38	3.13	3.26	0.24	36.61	89.95	157.5	1.06	1.07	1.06
159.0	3.39	3.12	3.26	0.26	36.69	89.95	159.0	1.06	1.08	1.06
160.5	3.40	3.12	3.26	0.28	36.72	89.95	160.5	1.06	1.08	1.06
162.0	3.41	3.10	3.26	0.30	36.79	89.94	162.0	1.06	1.08	1.06
163.5	3.42	3.09	3.26	0.33	36.80	89.96	163.5	1.06	1.08	1.06
165.0	3.44	3.08	3.26	0.36	36.84	90.03	165.0	1.07	1.08	1.06
166.5	3.45	3.07	3.26	0.39	36.79	90.06	166.5	1.07	1.08	1.06
168.0	3.47	3.05	3.26	0.42	36.80	90.08	168.0	1.07	1.09	1.06
169.5	3.50	3.04	3.27	0.46	36.79	90.11	169.5	1.07	1.09	1.07
171.0	3.52	3.02	3.27	0.49	36.72	90.17	171.0	1.07	1.09	1.07
172.5	3.54	3.00	3.27	0.54	36.63	90.18	172.5	1.08	1.09	1.07
174.0	3.56	2.98	3.27	0.58	36.52	90.22	174.0	1.08	1.09	1.07
175.5	3.59	2.97	3.28	0.63	36.39	90.29	175.5	1.08	1.09	1.07
177.0	3.62	2.94	3.28	0.68	36.23	90.32	177.0	1.08	1.10	1.07
178.5	3.65	2.92	3.29	0.73	36.08	90.38	178.5	1.09	1.10	1.07
180.0	3.68	2.90	3.29	0.78	35.86	90.43	180.0	1.09	1.10	1.08

¹ Total Loss = Insertion Loss+ 3dB Splitter Loss