

2 Way-90° Power Splitter/Combiner

PSCQ-2-250

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
150.0	3.63	2.73	3.18	0.90	37.30	90.37	150.0	1.05	1.04	1.03
152.5	3.59	2.78	3.19	0.81	37.30	90.35	152.5	1.05	1.04	1.03
155.0	3.54	2.83	3.19	0.72	37.34	90.37	155.0	1.05	1.04	1.03
157.5	3.50	2.87	3.19	0.63	37.28	90.36	157.5	1.05	1.04	1.03
160.0	3.47	2.91	3.19	0.56	37.32	90.38	160.0	1.05	1.05	1.03
162.5	3.43	2.95	3.19	0.48	37.34	90.35	162.5	1.05	1.05	1.03
165.0	3.40	2.99	3.20	0.41	37.36	90.36	165.0	1.05	1.05	1.03
167.5	3.37	3.03	3.20	0.34	37.37	90.38	167.5	1.06	1.05	1.03
170.0	3.34	3.06	3.20	0.28	37.36	90.41	170.0	1.06	1.05	1.03
172.5	3.32	3.10	3.21	0.22	37.47	90.46	172.5	1.06	1.05	1.03
175.0	3.29	3.13	3.21	0.16	37.42	90.50	175.0	1.06	1.05	1.03
177.5	3.27	3.17	3.22	0.10	37.44	90.54	177.5	1.06	1.05	1.03
180.0	3.25	3.20	3.23	0.04	37.45	90.62	180.0	1.06	1.05	1.03
182.5	3.23	3.24	3.24	0.01	37.41	90.62	182.5	1.06	1.05	1.03
185.0	3.22	3.27	3.25	0.05	37.49	90.66	185.0	1.06	1.05	1.03
187.5	3.20	3.30	3.25	0.10	37.50	90.70	187.5	1.06	1.05	1.03
190.0	3.18	3.32	3.25	0.14	37.48	90.71	190.0	1.06	1.05	1.03
192.5	3.16	3.34	3.25	0.19	37.55	90.71	192.5	1.07	1.05	1.03
195.0	3.14	3.36	3.25	0.22	37.53	90.75	195.0	1.07	1.05	1.03
197.5	3.12	3.37	3.25	0.25	37.53	90.76	197.5	1.07	1.05	1.03
200.0	3.10	3.38	3.24	0.28	37.56	90.74	200.0	1.07	1.05	1.03
202.5	3.09	3.38	3.24	0.29	37.60	90.74	202.5	1.07	1.05	1.03
205.0	3.07	3.38	3.23	0.31	37.56	90.77	205.0	1.07	1.05	1.03
207.5	3.06	3.38	3.22	0.32	37.59	90.77	207.5	1.07	1.05	1.03
210.0	3.05	3.38	3.22	0.33	37.58	90.80	210.0	1.07	1.06	1.03
212.5	3.04	3.38	3.21	0.34	37.62	90.87	212.5	1.08	1.06	1.03
215.0	3.03	3.38	3.21	0.34	37.60	90.94	215.0	1.08	1.06	1.03
217.5	3.03	3.37	3.20	0.35	37.60	90.99	217.5	1.08	1.06	1.03
220.0	3.03	3.37	3.20	0.35	37.64	91.06	220.0	1.08	1.06	1.03
222.5	3.03	3.37	3.20	0.34	37.63	91.11	222.5	1.08	1.06	1.03
225.0	3.04	3.38	3.21	0.34	37.64	91.15	225.0	1.08	1.06	1.03
227.5	3.06	3.39	3.23	0.33	37.56	91.19	227.5	1.09	1.06	1.03
230.0	3.07	3.39	3.23	0.31	37.61	91.22	230.0	1.09	1.06	1.03
232.5	3.10	3.40	3.25	0.30	37.59	91.25	232.5	1.09	1.06	1.03
235.0	3.12	3.39	3.26	0.28	37.56	91.25	235.0	1.09	1.07	1.03
237.5	3.14	3.40	3.27	0.26	37.52	91.27	237.5	1.09	1.07	1.03
240.0	3.17	3.39	3.28	0.21	37.48	91.19	240.0	1.09	1.07	1.03
242.5	3.20	3.38	3.29	0.17	37.44	91.24	242.5	1.10	1.07	1.03
245.0	3.24	3.36	3.30	0.12	37.38	91.20	245.0	1.10	1.07	1.03
247.5	3.27	3.34	3.31	0.06	37.25	91.23	247.5	1.10	1.07	1.03
250.0	3.31	3.31	3.31	0.00	37.20	91.28	250.0	1.10	1.07	1.03

¹ Total Loss = Insertion Loss+ 3dB Splitter Loss

