

2 Way-90° Power Splitter/Combiner

PSCQ-2-0.455+

Typical Performance Data

FREQUENCY (MHz)	TOTAL LOSS ¹ (dB)		AMPLITUDE UNBALANCE (dB)	ISOLATION (dB)	PHASE UNBALANCE (deg.)	FREQUENCY (MHz)	VSWR (:1)		
	S-1	S-2					S	1	2
	0.420	3.47					2.72	0.75	31.05
0.422	3.44	2.74	0.71	31.05	89.88	0.422	1.04	1.04	1.05
0.424	3.42	2.75	0.68	31.04	89.89	0.424	1.04	1.04	1.05
0.426	3.40	2.77	0.63	31.04	89.83	0.426	1.04	1.04	1.05
0.428	3.38	2.79	0.59	31.03	89.90	0.428	1.04	1.04	1.05
0.430	3.36	2.81	0.55	31.04	89.91	0.430	1.04	1.04	1.05
0.432	3.33	2.83	0.50	31.05	89.91	0.432	1.04	1.04	1.05
0.434	3.32	2.85	0.47	31.05	89.87	0.434	1.04	1.04	1.05
0.436	3.30	2.87	0.44	31.03	89.89	0.436	1.04	1.04	1.05
0.438	3.27	2.88	0.39	31.03	89.97	0.438	1.04	1.04	1.05
0.440	3.25	2.91	0.34	31.04	89.88	0.440	1.04	1.04	1.05
0.442	3.23	2.92	0.31	31.02	89.95	0.442	1.04	1.04	1.05
0.444	3.21	2.94	0.27	31.05	89.93	0.444	1.04	1.04	1.05
0.446	3.19	2.96	0.24	31.03	89.92	0.446	1.04	1.04	1.05
0.448	3.17	2.98	0.19	31.04	89.93	0.448	1.04	1.04	1.05
0.450	3.15	3.00	0.16	31.03	89.94	0.450	1.04	1.04	1.05
0.452	3.14	3.01	0.12	31.02	89.95	0.452	1.04	1.04	1.05
0.454	3.12	3.03	0.09	31.03	89.86	0.454	1.04	1.04	1.05
0.456	3.10	3.04	0.05	31.04	89.87	0.456	1.04	1.04	1.05
0.458	3.08	3.07	0.01	31.04	89.85	0.458	1.04	1.04	1.05
0.460	3.06	3.09	0.04	31.04	89.96	0.460	1.04	1.04	1.05
0.462	3.04	3.11	0.07	31.03	89.86	0.462	1.04	1.04	1.05
0.464	3.02	3.13	0.11	31.03	89.96	0.464	1.04	1.04	1.05
0.466	3.00	3.14	0.15	31.04	89.91	0.466	1.04	1.04	1.05
0.468	2.99	3.16	0.17	31.02	89.92	0.468	1.04	1.04	1.05
0.470	2.97	3.19	0.22	31.04	89.92	0.470	1.04	1.04	1.05
0.472	2.95	3.21	0.26	31.03	89.91	0.472	1.04	1.04	1.05
0.474	2.93	3.22	0.29	31.03	89.92	0.474	1.04	1.04	1.05
0.476	2.91	3.24	0.33	31.04	89.93	0.476	1.04	1.04	1.05
0.478	2.90	3.26	0.36	31.03	89.89	0.478	1.04	1.04	1.05
0.480	2.88	3.28	0.40	31.05	89.88	0.480	1.04	1.04	1.05
0.483	2.86	3.30	0.45	31.04	89.96	0.483	1.04	1.04	1.05
0.486	2.83	3.33	0.50	31.05	89.95	0.486	1.04	1.04	1.05
0.489	2.80	3.37	0.57	31.06	89.92	0.489	1.04	1.04	1.05
0.492	2.78	3.39	0.61	31.06	89.86	0.492	1.04	1.04	1.05
0.495	2.76	3.42	0.66	31.06	89.88	0.495	1.04	1.04	1.05
0.498	2.74	3.45	0.71	31.07	89.93	0.498	1.04	1.04	1.05
0.501	2.71	3.48	0.77	31.09	89.96	0.501	1.04	1.04	1.05
0.504	2.68	3.49	0.81	31.08	89.92	0.504	1.04	1.04	1.05
0.507	2.66	3.54	0.87	31.09	89.92	0.507	1.04	1.04	1.05
0.510	2.63	3.56	0.93	31.09	89.94	0.510	1.04	1.04	1.05

¹Total Loss = Insertion Loss + 3dB Splitter Loss

