

2 Way-90° Power Splitter/Combiner

PSCQ-2-6.4

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
5.80	3.59	2.62	3.11	0.97	31.68	89.59	5.80	1.05	1.05	1.06
5.83	3.57	2.65	3.11	0.93	31.67	89.61	5.83	1.05	1.05	1.06
5.86	3.54	2.66	3.10	0.88	31.66	89.66	5.86	1.05	1.05	1.06
5.89	3.52	2.68	3.10	0.84	31.68	89.66	5.89	1.05	1.05	1.06
5.92	3.50	2.70	3.10	0.80	31.66	89.61	5.92	1.05	1.05	1.06
5.95	3.47	2.72	3.10	0.75	31.68	89.63	5.95	1.05	1.05	1.06
5.98	3.45	2.74	3.10	0.71	31.69	89.65	5.98	1.05	1.05	1.06
6.01	3.43	2.76	3.10	0.66	31.69	89.59	6.01	1.05	1.05	1.06
6.04	3.40	2.78	3.09	0.62	31.69	89.62	6.04	1.05	1.05	1.06
6.07	3.38	2.80	3.09	0.58	31.71	89.60	6.07	1.05	1.05	1.06
6.10	3.36	2.82	3.09	0.54	31.71	89.59	6.10	1.05	1.05	1.06
6.13	3.34	2.84	3.09	0.49	31.72	89.63	6.13	1.05	1.05	1.06
6.16	3.31	2.86	3.09	0.46	31.72	89.63	6.16	1.05	1.05	1.06
6.19	3.29	2.89	3.09	0.40	31.73	89.62	6.19	1.05	1.05	1.06
6.22	3.27	2.90	3.09	0.38	31.75	89.62	6.22	1.05	1.05	1.06
6.25	3.25	2.92	3.09	0.33	31.74	89.61	6.25	1.05	1.05	1.06
6.28	3.23	2.94	3.09	0.29	31.76	89.59	6.28	1.05	1.05	1.06
6.31	3.20	2.96	3.08	0.24	31.77	89.63	6.31	1.05	1.05	1.06
6.34	3.19	2.98	3.09	0.21	31.78	89.63	6.34	1.05	1.05	1.06
6.37	3.17	2.99	3.08	0.17	31.79	89.62	6.37	1.05	1.05	1.06
6.40	3.14	3.02	3.08	0.13	31.80	89.64	6.40	1.05	1.05	1.06
6.43	3.13	3.04	3.09	0.08	31.81	89.60	6.43	1.05	1.05	1.06
6.46	3.10	3.06	3.08	0.05	31.80	89.64	6.46	1.05	1.05	1.06
6.49	3.09	3.08	3.09	0.01	31.82	89.61	6.49	1.05	1.05	1.06
6.52	3.06	3.10	3.08	0.03	31.84	89.60	6.52	1.05	1.05	1.06
6.55	3.04	3.12	3.08	0.08	31.85	89.63	6.55	1.05	1.05	1.06
6.58	3.03	3.14	3.09	0.11	31.85	89.62	6.58	1.05	1.05	1.06
6.61	3.01	3.16	3.09	0.15	31.86	89.61	6.61	1.05	1.05	1.06
6.64	2.98	3.18	3.08	0.20	31.87	89.62	6.64	1.05	1.05	1.05
6.67	2.97	3.20	3.09	0.23	31.88	89.60	6.67	1.05	1.05	1.05
6.70	2.95	3.22	3.09	0.27	31.90	89.56	6.70	1.05	1.05	1.05
6.73	2.93	3.24	3.09	0.31	31.90	89.56	6.73	1.05	1.05	1.05
6.76	2.92	3.26	3.09	0.34	31.90	89.59	6.76	1.05	1.05	1.05
6.79	2.89	3.28	3.09	0.39	31.93	89.63	6.79	1.05	1.05	1.05
6.82	2.88	3.30	3.09	0.42	31.93	89.61	6.82	1.05	1.05	1.05
6.85	2.86	3.32	3.09	0.46	31.95	89.62	6.85	1.05	1.05	1.05
6.88	2.84	3.34	3.09	0.49	31.96	89.63	6.88	1.05	1.05	1.05
6.91	2.83	3.36	3.10	0.53	31.96	89.61	6.91	1.05	1.05	1.05
6.94	2.81	3.38	3.10	0.57	31.97	89.60	6.94	1.05	1.05	1.05
6.97	2.79	3.40	3.10	0.60	31.99	89.61	6.97	1.05	1.05	1.05
7.00	2.77	3.42	3.10	0.64	32.00	89.63	7.00	1.05	1.05	1.05

¹Total Loss = Insertion Loss+ 3dB Splitter Loss

