

2 Way-90° Power Splitter/Combiner

PSCQ-2-10.5+

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
9.00	3.47	2.66	3.07	0.81	25.21	89.68	9.00	1.09	1.10	1.10
9.05	3.44	2.68	3.06	0.76	25.20	89.73	9.05	1.09	1.10	1.10
9.10	3.42	2.70	3.06	0.73	25.21	89.70	9.10	1.09	1.10	1.10
9.15	3.40	2.72	3.06	0.68	25.20	89.70	9.15	1.09	1.10	1.10
9.20	3.38	2.74	3.06	0.64	25.20	89.69	9.20	1.09	1.10	1.10
9.25	3.35	2.76	3.06	0.59	25.20	89.76	9.25	1.09	1.10	1.10
9.30	3.33	2.79	3.06	0.55	25.20	89.67	9.30	1.09	1.10	1.10
9.35	3.32	2.81	3.07	0.51	25.20	89.74	9.35	1.09	1.10	1.10
9.40	3.30	2.83	3.07	0.46	25.20	89.74	9.40	1.09	1.10	1.10
9.45	3.27	2.85	3.06	0.42	25.21	89.76	9.45	1.09	1.10	1.10
9.50	3.25	2.86	3.06	0.39	25.20	89.73	9.50	1.09	1.10	1.10
9.55	3.23	2.89	3.06	0.34	25.20	89.72	9.55	1.09	1.10	1.10
9.60	3.21	2.91	3.06	0.30	25.20	89.74	9.60	1.09	1.10	1.10
9.65	3.19	2.93	3.06	0.26	25.20	89.71	9.65	1.09	1.10	1.10
9.70	3.17	2.95	3.06	0.22	25.20	89.73	9.70	1.09	1.10	1.10
9.75	3.15	2.97	3.06	0.17	25.20	89.74	9.75	1.09	1.10	1.10
9.80	3.13	2.99	3.06	0.14	25.20	89.76	9.80	1.09	1.10	1.10
9.85	3.11	3.02	3.07	0.09	25.21	89.71	9.85	1.09	1.10	1.10
9.90	3.09	3.04	3.07	0.05	25.21	89.72	9.90	1.09	1.10	1.10
9.95	3.07	3.05	3.06	0.02	25.21	89.73	9.95	1.09	1.10	1.10
10.00	3.05	3.08	3.07	0.03	25.22	89.74	10.00	1.09	1.10	1.10
10.05	3.03	3.10	3.07	0.07	25.22	89.72	10.05	1.09	1.10	1.10
10.10	3.01	3.12	3.07	0.11	25.22	89.75	10.10	1.09	1.10	1.10
10.15	3.00	3.15	3.08	0.15	25.23	89.72	10.15	1.09	1.10	1.10
10.20	2.98	3.16	3.07	0.19	25.24	89.77	10.20	1.09	1.10	1.10
10.25	2.97	3.18	3.08	0.22	25.24	89.74	10.25	1.09	1.10	1.10
10.30	2.94	3.20	3.07	0.26	25.24	89.76	10.30	1.09	1.10	1.10
10.35	2.93	3.23	3.08	0.30	25.25	89.75	10.35	1.09	1.10	1.10
10.40	2.90	3.24	3.07	0.34	25.25	89.78	10.40	1.09	1.10	1.10
10.45	2.89	3.27	3.08	0.38	25.26	89.78	10.45	1.09	1.10	1.10
10.50	2.87	3.29	3.08	0.42	25.26	89.76	10.50	1.09	1.10	1.10
10.55	2.86	3.31	3.09	0.45	25.27	89.72	10.55	1.09	1.10	1.10
10.60	2.83	3.32	3.08	0.49	25.27	89.77	10.60	1.09	1.10	1.10
10.65	2.82	3.35	3.09	0.53	25.28	89.78	10.65	1.09	1.10	1.10
10.70	2.80	3.37	3.09	0.57	25.28	89.78	10.70	1.09	1.10	1.10
10.75	2.79	3.40	3.10	0.60	25.29	89.77	10.75	1.09	1.10	1.10
10.80	2.77	3.42	3.10	0.64	25.30	89.77	10.80	1.09	1.10	1.10
10.85	2.76	3.44	3.10	0.68	25.31	89.77	10.85	1.09	1.10	1.10
10.90	2.74	3.45	3.10	0.72	25.32	89.75	10.90	1.09	1.10	1.10
10.95	2.72	3.48	3.10	0.75	25.32	89.79	10.95	1.09	1.10	1.10
11.00	2.71	3.50	3.11	0.79	25.33	89.79	11.00	1.09	1.10	1.10

¹ Total Loss = Insertion Loss+ 3 dB Splitter Loss

