

2 Way-90° Power Splitter/Combiner

PSCQ-2-13+

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
12.00	3.61	2.62	3.12	0.98	30.73	89.61	12.00	1.07	1.08	1.08
12.05	3.58	2.65	3.12	0.94	30.69	89.60	12.05	1.07	1.08	1.08
12.10	3.57	2.66	3.12	0.90	30.70	89.65	12.10	1.07	1.08	1.08
12.15	3.55	2.68	3.12	0.87	30.68	89.63	12.15	1.07	1.08	1.08
12.20	3.53	2.69	3.11	0.84	30.67	89.65	12.20	1.07	1.08	1.08
12.25	3.51	2.70	3.11	0.80	30.66	89.64	12.25	1.07	1.08	1.08
12.30	3.49	2.72	3.11	0.76	30.64	89.61	12.30	1.07	1.08	1.08
12.35	3.47	2.74	3.11	0.73	30.64	89.59	12.35	1.07	1.08	1.08
12.40	3.45	2.76	3.11	0.69	30.62	89.63	12.40	1.07	1.08	1.08
12.45	3.44	2.77	3.11	0.66	30.61	89.64	12.45	1.07	1.08	1.08
12.50	3.41	2.79	3.10	0.63	30.60	89.63	12.50	1.07	1.08	1.08
12.55	3.40	2.81	3.11	0.59	30.60	89.60	12.55	1.07	1.08	1.08
12.60	3.38	2.82	3.10	0.56	30.57	89.64	12.60	1.07	1.08	1.08
12.65	3.36	2.84	3.10	0.53	30.57	89.63	12.65	1.07	1.08	1.08
12.70	3.35	2.86	3.11	0.49	30.56	89.61	12.70	1.07	1.08	1.08
12.75	3.32	2.87	3.10	0.46	30.55	89.61	12.75	1.07	1.08	1.08
12.80	3.31	2.89	3.10	0.43	30.53	89.60	12.80	1.07	1.08	1.08
12.85	3.30	2.90	3.10	0.39	30.52	89.63	12.85	1.07	1.08	1.08
12.90	3.28	2.91	3.10	0.36	30.52	89.62	12.90	1.07	1.08	1.08
12.95	3.26	2.93	3.10	0.33	30.51	89.61	12.95	1.07	1.08	1.08
13.00	3.24	2.95	3.10	0.29	30.49	89.65	13.00	1.07	1.08	1.08
13.05	3.22	2.96	3.09	0.26	30.48	89.63	13.05	1.07	1.08	1.08
13.10	3.21	2.98	3.10	0.23	30.47	89.63	13.10	1.07	1.08	1.08
13.15	3.19	3.00	3.10	0.20	30.45	89.63	13.15	1.07	1.08	1.08
13.20	3.18	3.01	3.10	0.16	30.45	89.62	13.20	1.07	1.08	1.08
13.25	3.16	3.03	3.10	0.13	30.44	89.59	13.25	1.07	1.08	1.08
13.30	3.15	3.04	3.10	0.11	30.43	89.62	13.30	1.07	1.08	1.08
13.35	3.13	3.06	3.10	0.07	30.42	89.69	13.35	1.07	1.08	1.08
13.40	3.11	3.07	3.09	0.04	30.41	89.64	13.40	1.07	1.08	1.08
13.45	3.10	3.09	3.10	0.01	30.39	89.65	13.45	1.07	1.08	1.08
13.50	3.09	3.11	3.10	0.03	30.39	89.64	13.50	1.07	1.08	1.08
13.55	3.06	3.12	3.09	0.06	30.38	89.64	13.55	1.07	1.08	1.08
13.60	3.05	3.13	3.09	0.09	30.36	89.63	13.60	1.07	1.08	1.08
13.65	3.03	3.15	3.09	0.12	30.36	89.67	13.65	1.07	1.08	1.08
13.70	3.02	3.17	3.10	0.15	30.34	89.59	13.70	1.07	1.08	1.08
13.75	3.01	3.19	3.10	0.18	30.35	89.65	13.75	1.07	1.08	1.08
13.80	2.99	3.20	3.10	0.21	30.32	89.61	13.80	1.07	1.08	1.08
13.85	2.97	3.21	3.09	0.24	30.33	89.63	13.85	1.07	1.08	1.08
13.90	2.96	3.23	3.10	0.27	30.32	89.63	13.90	1.07	1.08	1.08
13.95	2.95	3.25	3.10	0.31	30.31	89.61	13.95	1.07	1.08	1.08
14.00	2.93	3.26	3.10	0.33	30.30	89.64	14.00	1.07	1.08	1.08

¹ Total Loss = Insertion Loss+ 3 dB Splitter Loss