

2 Way-90° Power Splitter/Combiner

PSCQ-2-26

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
14.0	3.94	2.53	3.24	1.41	39.77	89.46	14.0	1.03	1.04	1.02
14.4	3.83	2.61	3.22	1.22	39.95	89.49	14.4	1.03	1.05	1.02
14.8	3.74	2.69	3.22	1.05	40.13	89.50	14.8	1.03	1.05	1.02
15.2	3.65	2.76	3.21	0.89	40.33	89.50	15.2	1.03	1.05	1.02
15.6	3.57	2.84	3.21	0.73	40.56	89.53	15.6	1.03	1.05	1.02
16.0	3.49	2.91	3.20	0.58	40.81	89.57	16.0	1.04	1.05	1.02
16.4	3.42	2.98	3.20	0.44	41.07	89.56	16.4	1.04	1.05	1.02
16.8	3.35	3.04	3.20	0.32	41.44	89.52	16.8	1.04	1.05	1.02
17.2	3.29	3.10	3.20	0.19	41.79	89.55	17.2	1.04	1.05	1.02
17.6	3.24	3.17	3.21	0.07	42.18	89.59	17.6	1.04	1.05	1.02
18.0	3.19	3.22	3.21	0.04	42.60	89.60	18.0	1.04	1.05	1.02
18.4	3.14	3.28	3.21	0.14	43.06	89.62	18.4	1.04	1.05	1.02
18.8	3.10	3.32	3.21	0.22	43.53	89.62	18.8	1.04	1.05	1.02
19.2	3.06	3.37	3.22	0.31	44.25	89.66	19.2	1.04	1.06	1.02
19.6	3.02	3.42	3.22	0.40	44.86	89.68	19.6	1.04	1.06	1.02
20.0	2.99	3.46	3.23	0.47	45.64	89.69	20.0	1.04	1.06	1.02
20.4	2.96	3.50	3.23	0.54	46.51	89.75	20.4	1.05	1.06	1.02
20.8	2.94	3.54	3.24	0.60	47.48	89.77	20.8	1.05	1.06	1.02
21.2	2.92	3.57	3.25	0.65	48.48	89.77	21.2	1.05	1.06	1.03
21.6	2.90	3.60	3.25	0.70	49.51	89.85	21.6	1.05	1.06	1.03
22.0	2.88	3.62	3.25	0.74	50.42	89.86	22.0	1.05	1.06	1.03
22.4	2.88	3.65	3.27	0.77	51.00	89.88	22.4	1.05	1.07	1.03
22.8	2.87	3.67	3.27	0.80	50.86	89.91	22.8	1.06	1.07	1.03
23.2	2.86	3.68	3.27	0.82	49.90	90.00	23.2	1.06	1.07	1.03
23.6	2.86	3.70	3.28	0.84	48.51	90.03	23.6	1.06	1.07	1.03
24.0	2.86	3.71	3.29	0.85	46.99	90.10	24.0	1.06	1.07	1.03
24.4	2.87	3.71	3.29	0.84	45.49	90.11	24.4	1.07	1.07	1.04
24.8	2.88	3.71	3.30	0.84	43.96	90.21	24.8	1.07	1.08	1.04
25.2	2.89	3.72	3.31	0.83	42.61	90.29	25.2	1.07	1.08	1.04
25.6	2.91	3.70	3.31	0.80	41.35	90.37	25.6	1.07	1.08	1.04
26.0	2.93	3.71	3.32	0.77	40.08	90.42	26.0	1.08	1.08	1.04
26.4	2.95	3.69	3.32	0.74	38.96	90.51	26.4	1.08	1.09	1.04
26.8	2.98	3.67	3.33	0.69	37.92	90.63	26.8	1.08	1.09	1.05
27.2	3.01	3.65	3.33	0.64	36.86	90.72	27.2	1.09	1.09	1.05
27.6	3.05	3.63	3.34	0.58	35.86	90.85	27.6	1.09	1.09	1.05
28.0	3.10	3.61	3.36	0.51	34.91	90.96	28.0	1.10	1.10	1.06
28.4	3.14	3.58	3.36	0.43	34.01	91.08	28.4	1.10	1.10	1.06
28.8	3.20	3.54	3.37	0.34	33.13	91.23	28.8	1.11	1.11	1.06
29.2	3.26	3.50	3.38	0.24	32.30	91.39	29.2	1.11	1.11	1.07
29.6	3.33	3.46	3.40	0.13	31.47	91.54	29.6	1.12	1.11	1.07
30.0	3.40	3.42	3.41	0.02	30.67	91.70	30.0	1.13	1.12	1.07

¹ Total Loss = Insertion Loss+ 3dB Splitter Loss

