

# 2 Way-90° Power Splitter/Combiner

# PSCQ-2-51W+

## Typical Performance Data

FREQUENCY (MHz)	TOTAL LOSS <sup>1</sup> (dB)		AMPLITUDE UNBALANCE (dB)	ISOLATION (dB) 1-2	PHASE UNBALANCE (deg.)	FREQUENCY (MHz)	VSWR (:1)		
	S-1	S-2					S	1	2
5.0	3.32	3.19	0.13	40.09	89.18	5.0	1.18	1.31	1.03
6.0	3.32	3.20	0.12	42.54	89.37	6.0	1.17	1.28	1.02
7.0	3.32	3.21	0.11	45.39	88.98	7.0	1.16	1.25	1.03
8.0	3.33	3.22	0.11	49.03	88.44	8.0	1.15	1.24	1.04
9.0	3.35	3.24	0.11	54.51	87.94	9.0	1.15	1.22	1.06
10.0	3.36	3.26	0.10	57.75	87.49	10.0	1.15	1.21	1.08
15.0	3.42	3.32	0.10	45.05	87.36	15.0	1.17	1.17	1.15
20.0	3.47	3.37	0.10	41.67	88.47	20.0	1.20	1.16	1.21
25.0	3.52	3.42	0.10	40.64	89.30	25.0	1.23	1.18	1.25
30.0	3.57	3.47	0.10	40.43	89.51	30.0	1.26	1.21	1.28
35.0	3.62	3.52	0.10	40.57	89.16	35.0	1.29	1.25	1.29
40.0	3.67	3.56	0.10	40.61	88.38	40.0	1.32	1.28	1.28
41.0	3.68	3.57	0.10	40.75	88.19	41.0	1.32	1.29	1.28
42.0	3.68	3.58	0.10	40.77	87.98	42.0	1.33	1.29	1.28
43.0	3.69	3.59	0.10	40.75	87.78	43.0	1.33	1.30	1.28
44.0	3.70	3.60	0.10	40.81	87.57	44.0	1.33	1.31	1.28
45.0	3.71	3.60	0.10	40.75	87.34	45.0	1.34	1.31	1.27
46.0	3.72	3.61	0.10	40.77	87.12	46.0	1.34	1.32	1.27
47.0	3.72	3.62	0.10	40.71	86.89	47.0	1.35	1.32	1.27
48.0	3.73	3.63	0.10	40.70	86.65	48.0	1.35	1.33	1.26
49.0	3.74	3.63	0.10	40.71	86.42	49.0	1.35	1.34	1.26
50.0	3.75	3.64	0.10	40.65	86.19	50.0	1.36	1.34	1.26

<sup>1</sup>Total Loss = Insertion Loss + 3dB Splitter Loss

