

2 Way-90° Power Splitter/Combiner

PSCQ-2-8+

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
2.00	3.23	3.26	3.25	0.02	35.72	89.89	2.00	1.22	1.21	1.24
2.15	3.24	3.26	3.25	0.02	35.73	89.81	2.15	1.21	1.20	1.24
2.30	3.24	3.26	3.25	0.02	35.76	89.77	2.30	1.21	1.19	1.25
2.45	3.24	3.26	3.25	0.02	35.79	89.81	2.45	1.21	1.18	1.25
2.60	3.24	3.27	3.26	0.02	35.80	89.88	2.60	1.21	1.17	1.26
2.75	3.24	3.26	3.25	0.02	35.79	90.03	2.75	1.20	1.16	1.26
2.90	3.24	3.26	3.25	0.02	35.78	90.18	2.90	1.20	1.15	1.27
3.05	3.25	3.26	3.26	0.02	35.76	90.39	3.05	1.20	1.14	1.27
3.20	3.24	3.26	3.25	0.02	35.75	90.59	3.20	1.20	1.13	1.27
3.35	3.24	3.26	3.25	0.01	35.73	90.80	3.35	1.19	1.12	1.27
3.50	3.24	3.26	3.25	0.02	35.71	91.04	3.50	1.19	1.12	1.27
3.65	3.25	3.26	3.26	0.02	35.67	91.30	3.65	1.19	1.11	1.27
3.80	3.25	3.26	3.26	0.01	35.66	91.50	3.80	1.19	1.11	1.27
3.95	3.25	3.26	3.26	0.01	35.60	91.75	3.95	1.18	1.10	1.27
4.10	3.25	3.26	3.26	0.01	35.60	91.91	4.10	1.18	1.10	1.27
4.25	3.25	3.26	3.26	0.01	35.56	92.18	4.25	1.18	1.09	1.27
4.40	3.25	3.26	3.26	0.01	35.53	92.36	4.40	1.18	1.09	1.27
4.55	3.25	3.26	3.26	0.01	35.48	92.53	4.55	1.18	1.09	1.27
4.70	3.25	3.26	3.26	0.01	35.43	92.69	4.70	1.17	1.09	1.26
4.85	3.25	3.27	3.26	0.02	35.43	92.84	4.85	1.17	1.08	1.26
5.00	3.26	3.27	3.27	0.01	35.41	92.95	5.00	1.17	1.08	1.26
5.15	3.25	3.27	3.26	0.01	35.37	93.08	5.15	1.17	1.08	1.25
5.30	3.25	3.27	3.26	0.01	35.35	93.18	5.30	1.17	1.08	1.25
5.45	3.26	3.27	3.27	0.01	35.31	93.24	5.45	1.17	1.08	1.25
5.60	3.26	3.27	3.27	0.01	35.28	93.32	5.60	1.17	1.09	1.24
5.75	3.26	3.28	3.27	0.01	35.27	93.35	5.75	1.17	1.09	1.24
5.90	3.26	3.28	3.27	0.02	35.26	93.39	5.90	1.17	1.09	1.24
6.05	3.26	3.28	3.27	0.02	35.21	93.42	6.05	1.17	1.09	1.23
6.20	3.26	3.29	3.28	0.02	35.21	93.36	6.20	1.17	1.09	1.23
6.35	3.27	3.29	3.28	0.03	35.18	93.36	6.35	1.17	1.10	1.22
6.50	3.26	3.30	3.28	0.04	35.16	93.32	6.50	1.17	1.10	1.22
6.65	3.26	3.30	3.28	0.03	35.14	93.20	6.65	1.17	1.10	1.22
6.80	3.26	3.30	3.28	0.04	35.12	93.13	6.80	1.17	1.10	1.21
6.95	3.27	3.30	3.29	0.04	35.10	92.98	6.95	1.17	1.11	1.21
7.10	3.27	3.32	3.30	0.05	35.09	92.90	7.10	1.17	1.11	1.20
7.25	3.27	3.32	3.30	0.06	35.06	92.71	7.25	1.17	1.11	1.20
7.40	3.27	3.32	3.30	0.06	35.05	92.58	7.40	1.17	1.12	1.19
7.55	3.27	3.33	3.30	0.06	35.04	92.40	7.55	1.17	1.12	1.19
7.70	3.27	3.33	3.30	0.06	35.01	92.21	7.70	1.17	1.12	1.19
7.85	3.27	3.33	3.30	0.06	35.00	91.99	7.85	1.17	1.13	1.18
8.00	3.27	3.34	3.31	0.07	34.97	91.82	8.00	1.17	1.13	1.18

¹ Total Loss = Insertion Loss+ 3dB Splitter Loss

REV. X2
PSCQ-2-8+
100627
Page 1 of 1