

2 Way-0° Power Splitter/Combiner

PSC-2-1W-75

Typical Performance Data

FREQ. (MHz)	TOTAL LOSS ¹ (dB)		AMP. UNBAL. (dB)	ISOLATION (dB) 1-2	PHASE UNBAL. (deg.)	FREQ. (MHz)	VSWR (:1)		
	S-1	S-2					S	1	2
30.0	3.34	3.35	0.01	27.01	0.12	30.0	1.10	1.17	1.17
35.0	3.32	3.33	0.01	27.47	0.03	35.0	1.09	1.15	1.15
40.0	3.34	3.33	0.01	27.86	0.03	40.0	1.08	1.14	1.14
45.0	3.33	3.34	0.00	28.20	0.20	45.0	1.08	1.13	1.13
50.0	3.32	3.31	0.01	28.43	0.06	50.0	1.07	1.12	1.12
55.0	3.33	3.33	0.00	28.67	0.18	55.0	1.07	1.11	1.12
60.0	3.33	3.34	0.01	28.81	0.01	60.0	1.07	1.11	1.11
65.0	3.31	3.32	0.02	28.92	0.27	65.0	1.07	1.10	1.11
70.0	3.32	3.32	0.00	29.11	0.22	70.0	1.07	1.10	1.10
75.0	3.32	3.32	0.00	29.25	0.18	75.0	1.07	1.10	1.10
80.0	3.32	3.33	0.01	29.36	0.28	80.0	1.07	1.09	1.10
85.0	3.32	3.31	0.01	29.45	0.21	85.0	1.07	1.09	1.10
90.0	3.31	3.29	0.02	29.55	0.16	90.0	1.07	1.09	1.09
95.0	3.31	3.31	0.00	29.67	0.30	95.0	1.06	1.09	1.09
100.0	3.29	3.31	0.01	29.71	0.31	100.0	1.06	1.09	1.09
120.0	3.34	3.34	0.00	30.01	0.35	120.0	1.06	1.08	1.08
140.0	3.32	3.35	0.02	30.34	0.41	140.0	1.07	1.07	1.08
160.0	3.33	3.32	0.00	30.61	0.53	160.0	1.08	1.07	1.07
180.0	3.32	3.33	0.01	30.90	0.39	180.0	1.08	1.07	1.07
200.0	3.33	3.33	0.00	31.32	0.53	200.0	1.07	1.07	1.07
220.0	3.34	3.36	0.01	31.59	0.58	220.0	1.08	1.07	1.07
240.0	3.36	3.37	0.01	32.00	0.70	240.0	1.10	1.07	1.07
260.0	3.35	3.36	0.01	32.32	0.80	260.0	1.11	1.07	1.07
280.0	3.37	3.37	0.00	32.60	0.83	280.0	1.10	1.07	1.07
300.0	3.39	3.40	0.01	32.91	0.90	300.0	1.10	1.07	1.06
320.0	3.39	3.40	0.01	32.95	0.97	320.0	1.12	1.08	1.06
340.0	3.37	3.38	0.01	32.96	0.96	340.0	1.13	1.08	1.06
360.0	3.40	3.39	0.01	32.83	0.98	360.0	1.12	1.08	1.06
380.0	3.43	3.41	0.02	32.53	1.09	380.0	1.11	1.07	1.06
400.0	3.45	3.41	0.03	32.13	1.14	400.0	1.12	1.07	1.05
420.0	3.43	3.43	0.00	31.54	1.07	420.0	1.13	1.06	1.05
440.0	3.41	3.42	0.01	30.79	1.27	440.0	1.12	1.06	1.04
460.0	3.47	3.47	0.01	30.16	1.28	460.0	1.10	1.05	1.04
480.0	3.48	3.46	0.02	29.31	1.26	480.0	1.11	1.05	1.04
500.0	3.47	3.47	0.01	28.61	1.38	500.0	1.11	1.04	1.05
520.0	3.47	3.46	0.01	27.80	1.45	520.0	1.10	1.04	1.05
540.0	3.51	3.48	0.03	27.09	1.45	540.0	1.08	1.03	1.05
560.0	3.51	3.51	0.00	26.39	1.42	560.0	1.09	1.03	1.05
580.0	3.53	3.50	0.03	25.71	1.57	580.0	1.09	1.02	1.06
600.0	3.54	3.52	0.02	25.08	1.66	600.0	1.08	1.01	1.07

¹ Total Loss = Insertion Loss+ 3dB Splitter Loss