

2 Way-0° Power Splitter/Combiner

LRPS-ED12965/1

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					S	1	2
0.3	6.93	5.68	1.25	11.61	1.01	0.3	5.51	12.08	8.68
0.6	4.91	3.72	1.19	9.82	2.36	0.6	2.68	5.93	4.22
0.9	4.27	3.19	1.08	9.77	3.33	0.9	2.00	4.42	3.18
1.0	4.14	3.11	1.03	9.88	3.58	1.0	1.88	4.12	2.99
5.0	3.37	3.13	0.24	19.15	2.03	5.0	1.12	1.49	1.36
9.0	3.37	3.17	0.21	22.28	1.19	9.0	1.08	1.33	1.24
10.0	3.38	3.17	0.20	22.65	1.09	10.0	1.07	1.31	1.23
20.0	3.35	3.17	0.18	24.83	0.69	20.0	1.05	1.24	1.18
30.0	3.33	3.17	0.16	26.01	0.53	30.0	1.04	1.21	1.16
40.0	3.32	3.17	0.15	26.78	0.43	40.0	1.04	1.19	1.14
50.0	3.32	3.18	0.14	27.24	0.34	50.0	1.03	1.18	1.13
60.0	3.32	3.18	0.14	27.58	0.27	60.0	1.03	1.17	1.13
70.0	3.32	3.18	0.13	27.76	0.22	70.0	1.03	1.16	1.12
80.0	3.32	3.19	0.13	27.91	0.17	80.0	1.03	1.16	1.12
90.0	3.32	3.19	0.12	27.99	0.13	90.0	1.03	1.15	1.11
100.0	3.32	3.20	0.12	28.01	0.10	100.0	1.03	1.15	1.11
120.0	3.32	3.21	0.11	27.91	0.03	120.0	1.03	1.14	1.11
140.0	3.33	3.22	0.11	27.79	0.03	140.0	1.02	1.14	1.10
160.0	3.34	3.23	0.11	27.64	0.10	160.0	1.02	1.13	1.10
180.0	3.35	3.25	0.10	27.53	0.11	180.0	1.02	1.13	1.10
200.0	3.35	3.26	0.09	27.34	0.16	200.0	1.02	1.13	1.09
220.0	3.36	3.27	0.09	27.22	0.18	220.0	1.02	1.12	1.09
240.0	3.37	3.29	0.08	27.12	0.22	240.0	1.01	1.12	1.09
260.0	3.38	3.30	0.07	27.00	0.24	260.0	1.01	1.12	1.08
280.0	3.38	3.32	0.07	26.98	0.28	280.0	1.01	1.11	1.08
300.0	3.39	3.33	0.06	26.91	0.30	300.0	1.01	1.11	1.08
320.0	3.40	3.35	0.05	26.97	0.31	320.0	1.02	1.11	1.08
340.0	3.41	3.37	0.04	27.00	0.34	340.0	1.03	1.11	1.08
360.0	3.42	3.39	0.03	27.11	0.32	360.0	1.04	1.10	1.08
380.0	3.43	3.41	0.02	27.31	0.34	380.0	1.05	1.10	1.08
400.0	3.44	3.43	0.01	27.52	0.33	400.0	1.06	1.10	1.09
500.0	3.54	3.59	0.05	28.65	0.24	500.0	1.17	1.13	1.15
550.0	3.63	3.72	0.09	28.05	0.15	550.0	1.25	1.17	1.20
600.0	3.74	3.88	0.13	25.60	0.02	600.0	1.36	1.23	1.27
650.0	3.93	4.11	0.18	22.48	0.20	650.0	1.52	1.31	1.36
700.0	4.21	4.45	0.24	19.46	0.49	700.0	1.73	1.42	1.49
720.0	4.37	4.63	0.26	18.35	0.63	720.0	1.83	1.47	1.54
740.0	4.55	4.83	0.29	17.29	0.77	740.0	1.95	1.52	1.60
760.0	4.75	5.07	0.32	16.30	0.92	760.0	2.08	1.58	1.67
780.0	4.99	5.34	0.35	15.37	1.09	780.0	2.22	1.64	1.74
800.0	5.27	5.65	0.38	14.50	1.28	800.0	2.39	1.71	1.82

¹ Total Loss = Insertion Loss + 3dB Splitter Loss