

2 Way-0° Power Splitter/Combiner

LRPS-ED9779/1

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
0.4	3.31	3.32	0.01	24.18	0.01	0.4	1.10	1.31	1.31
0.5	3.29	3.30	0.01	25.44	0.02	0.5	1.09	1.27	1.27
0.9	3.24	3.25	0.00	28.71	0.01	0.9	1.06	1.20	1.19
1.0	3.23	3.24	0.01	29.29	0.05	1.0	1.05	1.19	1.18
2.0	3.18	3.19	0.01	33.48	0.00	2.0	1.03	1.13	1.13
3.0	3.17	3.17	0.01	36.18	0.01	3.0	1.03	1.11	1.11
4.0	3.16	3.17	0.01	38.09	0.01	4.0	1.02	1.10	1.10
5.0	3.16	3.17	0.01	39.63	0.00	5.0	1.02	1.10	1.09
6.0	3.16	3.17	0.01	40.66	0.01	6.0	1.02	1.09	1.09
7.0	3.16	3.16	0.00	41.43	0.00	7.0	1.02	1.09	1.09
8.0	3.16	3.16	0.00	42.02	0.02	8.0	1.02	1.09	1.09
9.0	3.15	3.16	0.01	42.32	0.01	9.0	1.02	1.09	1.08
10.0	3.15	3.16	0.01	42.53	0.01	10.0	1.02	1.08	1.08
20.0	3.17	3.17	0.00	41.46	0.00	20.0	1.02	1.08	1.08
30.0	3.18	3.18	0.01	39.41	0.02	30.0	1.03	1.08	1.08
40.0	3.18	3.19	0.01	37.93	0.02	40.0	1.03	1.08	1.08
50.0	3.19	3.19	0.00	36.65	0.01	50.0	1.03	1.08	1.08
60.0	3.20	3.20	0.01	35.52	0.05	60.0	1.04	1.08	1.08
70.0	3.20	3.21	0.01	34.62	0.02	70.0	1.04	1.08	1.07
80.0	3.21	3.22	0.00	33.73	0.04	80.0	1.04	1.08	1.07
90.0	3.22	3.22	0.00	32.99	0.08	90.0	1.05	1.07	1.07
100.0	3.22	3.23	0.01	32.31	0.05	100.0	1.05	1.07	1.07
125.0	3.24	3.24	0.00	30.86	0.05	125.0	1.06	1.07	1.07
150.0	3.26	3.26	0.00	29.59	0.09	150.0	1.06	1.07	1.07
175.0	3.26	3.27	0.01	28.54	0.05	175.0	1.07	1.07	1.06
200.0	3.28	3.28	0.01	27.62	0.11	200.0	1.08	1.06	1.06
225.0	3.29	3.29	0.00	26.81	0.09	225.0	1.08	1.06	1.05
250.0	3.31	3.32	0.01	26.08	0.09	250.0	1.09	1.06	1.05
275.0	3.32	3.33	0.01	25.42	0.11	275.0	1.10	1.05	1.05
300.0	3.33	3.34	0.01	24.83	0.06	300.0	1.10	1.05	1.04
325.0	3.34	3.36	0.01	24.30	0.07	325.0	1.11	1.04	1.04
350.0	3.36	3.38	0.02	23.83	0.05	350.0	1.11	1.04	1.04
375.0	3.36	3.39	0.03	23.38	0.07	375.0	1.12	1.04	1.03
400.0	3.38	3.41	0.03	22.99	0.08	400.0	1.12	1.03	1.03
500.0	3.44	3.49	0.05	21.74	0.03	500.0	1.14	1.02	1.04
600.0	3.50	3.57	0.07	20.98	0.05	600.0	1.15	1.03	1.06
700.0	3.56	3.66	0.10	20.62	0.17	700.0	1.15	1.06	1.09
800.0	3.64	3.79	0.15	20.52	0.33	800.0	1.15	1.10	1.14
900.0	3.76	3.95	0.19	20.08	0.59	900.0	1.17	1.15	1.20
1000.0	4.02	4.28	0.25	18.16	1.16	1000.0	1.28	1.24	1.28

¹ Total Loss = Insertion Loss + 3dB Splitter Loss

REV. X2

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