

2 Way-0° Power Splitter/Combiner

ADP-ED12390A/2

Typical Performance Data

FREQUENCY (MHz)	TOTAL LOSS ¹		AMPLITUDE UNBALANCE (dB)	ISOLATION (dB) 1-2	PHASE UNBALANCE (Deg)	FREQUENCY (MHz)	VSWR (:1)		
	S-1	S-2					S	1	2
2.0	3.14	3.14	0.01	29.36	0.05	2.0	1.37	1.37	1.37
3.0	3.08	3.09	0.01	31.05	0.05	3.0	1.22	1.25	1.24
4.0	3.10	3.10	0.00	32.35	0.04	4.0	1.15	1.19	1.18
5.0	3.12	3.13	0.01	33.58	0.04	5.0	1.11	1.16	1.15
10.0	3.17	3.17	0.01	36.09	0.00	10.0	1.05	1.11	1.10
20.0	3.17	3.17	0.00	35.52	0.00	20.0	1.02	1.10	1.09
30.0	3.17	3.17	0.00	34.98	0.00	30.0	1.01	1.09	1.09
40.0	3.17	3.17	0.00	34.81	0.01	40.0	1.00	1.09	1.09
50.0	3.17	3.17	0.00	34.69	0.02	50.0	1.00	1.09	1.09
60.0	3.17	3.17	0.00	34.63	0.02	60.0	1.01	1.09	1.08
80.0	3.17	3.17	0.00	34.77	0.04	80.0	1.02	1.09	1.08
100.0	3.18	3.18	0.00	34.99	0.04	100.0	1.03	1.09	1.08
200.0	3.22	3.21	0.01	37.20	0.14	200.0	1.07	1.12	1.10
300.0	3.26	3.23	0.02	39.03	0.23	300.0	1.10	1.15	1.13
400.0	3.30	3.27	0.03	35.63	0.31	400.0	1.13	1.17	1.15
500.0	3.35	3.30	0.05	30.91	0.40	500.0	1.14	1.19	1.17
550.0	3.39	3.33	0.06	28.98	0.44	550.0	1.15	1.19	1.17
600.0	3.40	3.33	0.07	27.30	0.37	600.0	1.15	1.20	1.17
650.0	3.42	3.34	0.08	25.99	0.40	650.0	1.15	1.20	1.18
700.0	3.45	3.36	0.09	24.73	0.40	700.0	1.16	1.20	1.18
750.0	3.48	3.38	0.10	23.62	0.47	750.0	1.16	1.19	1.18
800.0	3.51	3.39	0.12	22.61	0.43	800.0	1.16	1.19	1.18
860.0	3.55	3.41	0.14	21.55	0.47	860.0	1.17	1.18	1.17
900.0	3.58	3.43	0.15	20.94	0.40	900.0	1.17	1.17	1.17
950.0	3.62	3.46	0.16	20.20	0.39	950.0	1.18	1.17	1.16
1000.0	3.66	3.49	0.17	19.59	0.33	1000.0	1.19	1.16	1.15
1050.0	3.71	3.52	0.19	19.05	0.34	1050.0	1.20	1.15	1.15
1100.0	3.75	3.55	0.20	18.62	0.18	1100.0	1.21	1.15	1.14
1150.0	3.81	3.59	0.21	18.26	0.11	1150.0	1.22	1.14	1.13
1200.0	3.86	3.63	0.23	17.94	0.03	1200.0	1.24	1.14	1.12
1300.0	3.99	3.75	0.24	17.58	0.26	1300.0	1.25	1.14	1.12
1350.0	4.07	3.82	0.25	17.46	0.42	1350.0	1.26	1.14	1.12
1400.0	4.15	3.91	0.25	17.35	0.65	1400.0	1.26	1.14	1.12
1450.0	4.25	4.01	0.24	17.19	0.84	1450.0	1.27	1.15	1.12
1500.0	4.38	4.13	0.24	16.94	1.04	1500.0	1.27	1.16	1.13

¹Total Loss = Insertion Loss + 3dB Splitter Loss



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