

2 Way-0° Power Splitter/Combiner

ADP-ED9653/1

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
0.5	3.31	3.30	0.01	11.85	0.02	0.5	1.17	1.89	1.89
0.6	3.29	3.30	0.00	12.38	0.00	0.6	1.15	1.81	1.81
0.7	3.30	3.29	0.01	12.85	0.06	0.7	1.14	1.75	1.74
0.8	3.29	3.29	0.00	13.27	0.03	0.8	1.13	1.70	1.69
0.9	3.29	3.29	0.00	13.66	0.04	0.9	1.12	1.66	1.65
1.0	3.30	3.29	0.01	14.01	0.03	1.0	1.12	1.62	1.62
2.0	3.25	3.25	0.00	16.54	0.02	2.0	1.09	1.42	1.42
3.0	3.22	3.22	0.00	18.13	0.02	3.0	1.08	1.34	1.33
4.0	3.21	3.20	0.01	19.23	0.02	4.0	1.07	1.29	1.29
5.0	3.21	3.20	0.01	19.98	0.02	5.0	1.07	1.26	1.26
14.0	3.19	3.20	0.01	22.13	0.04	14.0	1.06	1.19	1.19
23.0	3.19	3.20	0.00	22.35	0.01	23.0	1.06	1.18	1.18
32.0	3.20	3.19	0.01	22.35	0.02	32.0	1.05	1.18	1.18
41.0	3.21	3.21	0.01	22.33	0.04	41.0	1.05	1.18	1.18
50.0	3.22	3.21	0.00	22.29	0.02	50.0	1.05	1.18	1.18
190.0	3.26	3.27	0.01	22.08	0.11	190.0	1.05	1.17	1.17
330.0	3.29	3.29	0.00	21.91	0.12	330.0	1.05	1.17	1.15
470.0	3.33	3.33	0.00	22.07	0.08	470.0	1.05	1.15	1.12
610.0	3.39	3.38	0.01	22.54	0.04	610.0	1.06	1.14	1.10
750.0	3.46	3.44	0.02	23.12	0.01	750.0	1.08	1.14	1.08
800.0	3.49	3.47	0.02	23.24	0.06	800.0	1.09	1.13	1.07
850.0	3.54	3.51	0.04	23.30	0.05	850.0	1.10	1.13	1.07
900.0	3.56	3.53	0.04	23.25	0.15	900.0	1.11	1.13	1.07
950.0	3.61	3.56	0.05	23.17	0.18	950.0	1.12	1.13	1.07
1000.0	3.64	3.58	0.05	23.07	0.16	1000.0	1.12	1.13	1.08
1250.0	3.95	3.79	0.17	24.71	0.37	1250.0	1.08	1.17	1.16
1500.0	4.50	4.16	0.34	28.42	0.13	1500.0	1.19	1.24	1.29
1530.0	4.59	4.23	0.36	25.35	0.12	1530.0	1.24	1.25	1.30
1560.0	4.71	4.32	0.39	22.82	0.09	1560.0	1.29	1.25	1.31
1590.0	4.84	4.43	0.41	20.71	0.05	1590.0	1.35	1.25	1.32
1620.0	4.99	4.57	0.42	18.91	0.13	1620.0	1.43	1.26	1.33
1650.0	5.16	4.71	0.44	17.37	0.19	1650.0	1.51	1.27	1.34
1680.0	5.32	4.88	0.45	15.99	0.27	1680.0	1.60	1.28	1.35
1710.0	5.55	5.10	0.45	14.84	0.47	1710.0	1.70	1.29	1.36
1740.0	5.76	5.33	0.43	13.79	0.47	1740.0	1.82	1.30	1.37

¹ Total Loss = Insertion Loss + 3dB Splitter Loss

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