

2 Way-0° Power Splitter/Combiner

ADP-ED7902/1

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
0.2	3.24	3.24	0.00	19.53	0.17	0.2	1.19	1.54	1.54
0.3	3.22	3.23	0.00	22.05	0.07	0.3	1.14	1.40	1.40
0.4	3.23	3.23	0.00	23.79	0.04	0.4	1.12	1.33	1.33
0.5	3.23	3.23	0.01	25.11	0.03	0.5	1.10	1.30	1.30
0.6	3.23	3.23	0.00	26.15	0.02	0.6	1.10	1.27	1.27
0.7	3.24	3.24	0.00	27.03	0.02	0.7	1.09	1.26	1.26
0.8	3.23	3.24	0.00	27.78	0.06	0.8	1.09	1.24	1.24
0.9	3.24	3.24	0.00	28.47	0.03	0.9	1.09	1.23	1.23
1.0	3.23	3.24	0.00	29.09	0.02	1.0	1.09	1.23	1.23
2.8	3.18	3.18	0.00	35.89	0.03	2.8	1.10	1.16	1.16
4.6	3.15	3.15	0.00	39.29	0.01	4.6	1.10	1.14	1.14
6.4	3.14	3.14	0.00	41.21	0.00	6.4	1.11	1.13	1.13
8.2	3.14	3.14	0.01	42.24	0.02	8.2	1.11	1.13	1.13
10.0	3.14	3.13	0.01	42.85	0.02	10.0	1.11	1.12	1.12
58.0	3.17	3.17	0.00	37.45	0.00	58.0	1.12	1.12	1.12
106.0	3.20	3.20	0.00	33.35	0.05	106.0	1.13	1.11	1.11
154.0	3.23	3.23	0.00	30.78	0.01	154.0	1.15	1.11	1.11
202.0	3.26	3.25	0.00	29.01	0.02	202.0	1.15	1.10	1.11
250.0	3.29	3.29	0.00	27.80	0.02	250.0	1.16	1.10	1.10
300.0	3.32	3.32	0.00	26.95	0.06	300.0	1.16	1.09	1.09
350.0	3.35	3.36	0.00	26.55	0.08	350.0	1.16	1.08	1.09
400.0	3.39	3.39	0.00	26.50	0.09	400.0	1.15	1.07	1.08
450.0	3.43	3.43	0.00	26.94	0.13	450.0	1.14	1.07	1.08
500.0	3.48	3.48	0.00	27.98	0.14	500.0	1.12	1.08	1.08
550.0	3.54	3.54	0.00	29.86	0.21	550.0	1.10	1.10	1.11
600.0	3.61	3.61	0.00	32.44	0.25	600.0	1.10	1.13	1.14
650.0	3.73	3.73	0.00	32.08	0.27	650.0	1.15	1.18	1.19
700.0	3.87	3.87	0.00	27.18	0.34	700.0	1.24	1.25	1.26

¹ Total Loss = Insertion Loss + 3dB Splitter Loss

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