

2 Way-0° Power Splitter/Combiner

ADP-ED8231/1

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
5.0	3.44	3.43	0.01	25.19	0.01	5.0	1.32	1.45	1.44
6.0	3.44	3.43	0.01	26.53	0.01	6.0	1.28	1.39	1.39
7.0	3.44	3.43	0.01	27.61	0.02	7.0	1.25	1.35	1.35
8.0	3.45	3.44	0.01	28.51	0.01	8.0	1.23	1.32	1.31
9.0	3.45	3.44	0.01	29.23	0.02	9.0	1.21	1.29	1.29
10.0	3.45	3.44	0.01	29.84	0.01	10.0	1.20	1.27	1.27
20.0	3.42	3.40	0.01	32.44	0.00	20.0	1.14	1.18	1.18
30.0	3.39	3.38	0.01	32.72	0.03	30.0	1.12	1.15	1.15
40.0	3.38	3.37	0.01	32.19	0.02	40.0	1.12	1.13	1.13
50.0	3.38	3.37	0.01	31.27	0.02	50.0	1.12	1.13	1.13
60.0	3.39	3.37	0.01	30.23	0.00	60.0	1.12	1.12	1.12
70.0	3.39	3.37	0.01	29.22	0.00	70.0	1.12	1.12	1.12
80.0	3.38	3.37	0.02	28.25	0.01	80.0	1.12	1.13	1.12
90.0	3.39	3.37	0.01	27.36	0.03	90.0	1.12	1.13	1.13
95.0	3.39	3.37	0.02	26.94	0.00	95.0	1.12	1.13	1.13
105.0	3.40	3.39	0.02	26.15	0.02	105.0	1.13	1.13	1.13
115.0	3.42	3.40	0.02	25.42	0.00	115.0	1.13	1.13	1.13
125.0	3.42	3.41	0.02	24.74	0.01	125.0	1.13	1.14	1.14
135.0	3.43	3.42	0.02	24.11	0.04	135.0	1.14	1.14	1.14
145.0	3.44	3.42	0.02	23.52	0.00	145.0	1.15	1.15	1.14
155.0	3.45	3.43	0.02	22.97	0.04	155.0	1.15	1.15	1.15
165.0	3.47	3.45	0.02	22.46	0.04	165.0	1.16	1.16	1.16
175.0	3.48	3.46	0.02	21.98	0.04	175.0	1.17	1.16	1.16
190.0	3.50	3.48	0.02	21.32	0.03	190.0	1.18	1.17	1.17
200.0	3.52	3.50	0.02	20.90	0.03	200.0	1.19	1.18	1.18
250.0	3.60	3.57	0.03	19.11	0.04	250.0	1.25	1.20	1.20

¹ Total Loss = Insertion Loss + 3dB Splitter Loss

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