

2 Way-0° Power Splitter/Combiner

ADP-ED7874/1

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	3.29	3.28	0.01	26.44	0.00	0.5	1.11	1.17	1.17
1.0	3.26	3.25	0.01	29.21	0.00	1.0	1.08	1.11	1.11
3.0	3.20	3.20	0.01	32.49	0.01	3.0	1.06	1.05	1.06
5.0	3.18	3.17	0.01	32.93	0.01	5.0	1.05	1.04	1.04
10.0	3.16	3.15	0.01	32.60	0.01	10.0	1.04	1.02	1.02
55.0	3.18	3.18	0.01	31.02	0.04	55.0	1.03	1.03	1.03
100.0	3.21	3.20	0.01	30.36	0.05	100.0	1.04	1.06	1.05
110.0	3.21	3.20	0.01	30.25	0.06	110.0	1.04	1.06	1.06
155.0	3.22	3.22	0.00	29.75	0.10	155.0	1.05	1.08	1.08
200.0	3.24	3.24	0.00	29.20	0.12	200.0	1.06	1.11	1.10
210.0	3.25	3.24	0.01	29.05	0.12	210.0	1.07	1.12	1.11
255.0	3.27	3.27	0.00	28.25	0.14	255.0	1.08	1.14	1.13
300.0	3.28	3.28	0.00	27.24	0.15	300.0	1.09	1.16	1.15
310.0	3.31	3.32	0.01	26.95	0.15	310.0	1.09	1.16	1.15
405.0	3.36	3.38	0.02	24.20	0.17	405.0	1.11	1.21	1.19
500.0	3.43	3.47	0.04	21.28	0.16	500.0	1.12	1.24	1.22
510.0	3.41	3.46	0.04	21.00	0.16	510.0	1.12	1.25	1.23
608.0	3.50	3.57	0.07	18.23	0.08	608.0	1.13	1.26	1.25
706.0	3.61	3.71	0.11	15.89	0.04	706.0	1.17	1.26	1.24
804.0	3.73	3.88	0.15	13.98	0.24	804.0	1.25	1.23	1.24
902.0	3.94	4.15	0.21	12.52	0.52	902.0	1.40	1.21	1.24
1000.0	4.27	4.56	0.29	11.54	0.91	1000.0	1.58	1.20	1.27

¹ Total Loss = Insertion Loss + 3dB Splitter Loss

REV. X2
ADP-ED7874/1
100707
Page 1 of 1



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