

2 Way-0° Power Splitter/Combiner

ADP-ED11188/1

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					1	2	3
0.3	3.17	3.17	0.01	34.05	0.01	0.3	1.19	1.25	1.25
0.5	3.15	3.16	0.01	36.52	0.05	0.5	1.09	1.14	1.14
0.8	3.16	3.16	0.00	38.48	0.00	0.8	1.06	1.11	1.11
1.0	3.16	3.17	0.01	39.96	0.00	1.0	1.05	1.10	1.10
5.0	3.12	3.14	0.01	48.27	0.04	5.0	1.03	1.05	1.05
10.0	3.10	3.12	0.02	45.97	0.00	10.0	1.03	1.04	1.04
20.0	3.10	3.12	0.02	41.42	0.04	20.0	1.04	1.04	1.04
30.0	3.12	3.13	0.00	38.29	0.05	30.0	1.04	1.04	1.04
40.0	3.11	3.12	0.01	36.26	0.05	40.0	1.04	1.04	1.04
50.0	3.14	3.14	0.01	34.40	0.02	50.0	1.04	1.04	1.05
60.0	3.13	3.14	0.01	33.00	0.02	60.0	1.05	1.05	1.05
70.0	3.13	3.14	0.01	31.70	0.03	70.0	1.05	1.05	1.06
80.0	3.14	3.15	0.01	30.60	0.02	80.0	1.05	1.06	1.06
90.0	3.15	3.16	0.01	29.69	0.03	90.0	1.05	1.07	1.07
100.0	3.17	3.17	0.00	28.77	0.06	100.0	1.06	1.07	1.08
110.0	3.16	3.17	0.01	28.00	0.00	110.0	1.06	1.08	1.09
120.0	3.16	3.17	0.01	27.24	0.00	120.0	1.06	1.09	1.09
130.0	3.17	3.17	0.00	26.59	0.02	130.0	1.06	1.10	1.10
140.0	3.17	3.18	0.01	25.95	0.01	140.0	1.07	1.11	1.10
150.0	3.17	3.18	0.01	25.36	0.03	150.0	1.07	1.11	1.11
160.0	3.18	3.19	0.01	24.79	0.01	160.0	1.07	1.12	1.12
170.0	3.18	3.18	0.00	24.27	0.01	170.0	1.08	1.13	1.12
180.0	3.17	3.18	0.01	23.79	0.03	180.0	1.08	1.14	1.13
190.0	3.18	3.19	0.01	23.31	0.00	190.0	1.09	1.15	1.14
200.0	3.19	3.20	0.01	22.87	0.07	200.0	1.09	1.16	1.15
210.0	3.18	3.19	0.01	22.44	0.03	210.0	1.10	1.17	1.16
220.0	3.18	3.20	0.01	22.03	0.05	220.0	1.10	1.18	1.17
230.0	3.18	3.19	0.01	21.61	0.07	230.0	1.11	1.19	1.18
240.0	3.17	3.19	0.01	21.24	0.01	240.0	1.11	1.20	1.19
250.0	3.18	3.19	0.01	20.87	0.03	250.0	1.12	1.21	1.20
275.0	3.19	3.20	0.01	20.01	0.03	275.0	1.13	1.24	1.23
300.0	3.21	3.21	0.01	19.20	0.01	300.0	1.14	1.27	1.26
325.0	3.20	3.21	0.01	18.46	0.08	325.0	1.16	1.30	1.30
350.0	3.20	3.21	0.01	17.75	0.10	350.0	1.18	1.33	1.34
375.0	3.21	3.21	0.00	17.09	0.08	375.0	1.20	1.37	1.39
400.0	3.22	3.22	0.01	16.45	0.07	400.0	1.22	1.40	1.43
425.0	3.23	3.21	0.01	15.85	0.12	425.0	1.23	1.44	1.46
450.0	3.23	3.23	0.00	15.29	0.05	450.0	1.25	1.48	1.50
475.0	3.26	3.25	0.01	14.75	0.03	475.0	1.26	1.53	1.54
500.0	3.26	3.25	0.01	14.23	0.02	500.0	1.28	1.58	1.58

¹ Total Loss = Insertion Loss + 3dB Splitter Loss