

2 Way-0° Power Splitter/Combiner

ZAPD-ED12254/2

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
200.0	3.56	3.58	0.02	11.30	0.04	200.0	1.83	1.55	1.56
250.0	3.54	3.56	0.02	13.15	0.01	250.0	1.77	1.48	1.49
300.0	3.50	3.52	0.02	14.86	0.01	300.0	1.69	1.42	1.43
350.0	3.46	3.48	0.02	16.57	0.01	350.0	1.60	1.36	1.36
400.0	3.42	3.43	0.01	18.33	0.01	400.0	1.51	1.29	1.29
450.0	3.38	3.39	0.01	20.24	0.02	450.0	1.41	1.22	1.22
500.0	3.35	3.36	0.01	22.42	0.03	500.0	1.31	1.16	1.16
550.0	3.33	3.34	0.01	24.91	0.04	550.0	1.21	1.09	1.09
600.0	3.32	3.33	0.01	27.77	0.02	600.0	1.12	1.04	1.04
650.0	3.33	3.34	0.01	30.60	0.05	650.0	1.04	1.05	1.05
700.0	3.35	3.36	0.00	32.01	0.07	700.0	1.04	1.09	1.09
750.0	3.38	3.38	0.01	31.31	0.07	750.0	1.12	1.15	1.14
800.0	3.41	3.42	0.00	29.79	0.08	800.0	1.19	1.19	1.18
850.0	3.45	3.45	0.00	28.57	0.11	850.0	1.25	1.23	1.22
900.0	3.49	3.49	0.00	27.67	0.13	900.0	1.30	1.25	1.24
950.0	3.51	3.51	0.00	27.22	0.14	950.0	1.33	1.27	1.25
1000.0	3.54	3.54	0.00	27.01	0.17	1000.0	1.35	1.27	1.24
1050.0	3.55	3.55	0.00	27.22	0.20	1050.0	1.34	1.25	1.22
1100.0	3.56	3.56	0.00	27.73	0.22	1100.0	1.32	1.23	1.20
1150.0	3.56	3.56	0.00	28.58	0.25	1150.0	1.28	1.19	1.16
1200.0	3.56	3.56	0.00	29.65	0.28	1200.0	1.22	1.15	1.12
1250.0	3.56	3.57	0.01	30.78	0.31	1250.0	1.15	1.10	1.07
1300.0	3.57	3.57	0.01	31.31	0.32	1300.0	1.08	1.05	1.03
1350.0	3.58	3.59	0.01	30.73	0.34	1350.0	1.02	1.01	1.02
1400.0	3.60	3.61	0.01	29.36	0.32	1400.0	1.06	1.05	1.06
1450.0	3.63	3.64	0.02	27.65	0.33	1450.0	1.13	1.09	1.10
1500.0	3.66	3.68	0.02	26.27	0.33	1500.0	1.20	1.14	1.14
1550.0	3.70	3.72	0.02	25.22	0.32	1550.0	1.26	1.17	1.16
1600.0	3.74	3.75	0.02	24.56	0.32	1600.0	1.31	1.20	1.17
1650.0	3.77	3.79	0.02	24.36	0.33	1650.0	1.34	1.21	1.18
1700.0	3.79	3.81	0.02	24.62	0.33	1700.0	1.34	1.21	1.17
1750.0	3.81	3.83	0.02	25.45	0.34	1750.0	1.32	1.20	1.15
1800.0	3.83	3.84	0.01	27.39	0.35	1800.0	1.28	1.18	1.13
1850.0	3.84	3.85	0.01	30.89	0.39	1850.0	1.22	1.15	1.10
1900.0	3.85	3.86	0.02	37.88	0.40	1900.0	1.14	1.12	1.06
1950.0	3.87	3.89	0.02	32.61	0.44	1950.0	1.08	1.08	1.03
2000.0	3.92	3.94	0.02	25.72	0.45	2000.0	1.13	1.05	1.01
2050.0	4.00	4.03	0.02	21.34	0.49	2050.0	1.25	1.05	1.04
2100.0	4.12	4.15	0.03	18.31	0.50	2100.0	1.42	1.08	1.07
2150.0	4.28	4.31	0.03	15.99	0.52	2150.0	1.61	1.11	1.09
2200.0	4.47	4.51	0.04	14.20	0.52	2200.0	1.84	1.15	1.12

¹ Total Loss = Insertion Loss + 3dB Splitter Loss