

2 Way-0° Power Splitter/Combiner

ZAPD-ED12549/1

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
500.0	3.60	3.53	0.07	11.29	0.18	500.0	1.77	1.22	1.22
550.0	3.46	3.48	0.02	11.90	0.12	550.0	1.74	1.19	1.19
600.0	3.51	3.51	0.00	13.08	0.50	600.0	1.71	1.17	1.18
650.0	3.45	3.44	0.01	13.66	0.21	650.0	1.67	1.16	1.17
700.0	3.41	3.42	0.01	15.00	0.12	700.0	1.63	1.16	1.17
750.0	3.42	3.44	0.02	16.25	0.39	750.0	1.58	1.17	1.18
800.0	3.40	3.36	0.04	17.24	0.13	800.0	1.53	1.18	1.19
850.0	3.36	3.38	0.03	19.86	0.13	850.0	1.48	1.18	1.19
900.0	3.44	3.40	0.04	20.20	0.45	900.0	1.43	1.20	1.20
950.0	3.34	3.34	0.00	23.78	0.31	950.0	1.39	1.21	1.21
1000.0	3.45	3.42	0.03	24.44	0.39	1000.0	1.35	1.23	1.23
1050.0	3.37	3.42	0.05	25.89	0.27	1050.0	1.33	1.24	1.24
1100.0	3.47	3.42	0.06	28.70	0.56	1100.0	1.33	1.27	1.26
1150.0	3.44	3.45	0.00	24.57	0.05	1150.0	1.33	1.28	1.28
1200.0	3.44	3.46	0.01	29.72	0.79	1200.0	1.34	1.30	1.29
1250.0	3.46	3.40	0.06	23.65	0.23	1250.0	1.35	1.31	1.30
1300.0	3.38	3.44	0.05	30.18	0.15	1300.0	1.36	1.32	1.31
1350.0	3.46	3.41	0.05	24.54	0.61	1350.0	1.36	1.32	1.30
1400.0	3.35	3.33	0.02	28.36	0.00	1400.0	1.34	1.30	1.29
1450.0	3.43	3.42	0.01	29.24	0.65	1450.0	1.31	1.28	1.26
1500.0	3.35	3.31	0.04	27.20	0.32	1500.0	1.26	1.25	1.23
1550.0	3.39	3.38	0.01	34.24	0.45	1550.0	1.21	1.21	1.19
1600.0	3.37	3.34	0.03	29.02	0.53	1600.0	1.14	1.16	1.15
1650.0	3.38	3.36	0.02	35.23	0.55	1650.0	1.07	1.11	1.10
1700.0	3.38	3.35	0.03	31.51	0.52	1700.0	1.02	1.07	1.07
1750.0	3.39	3.37	0.02	33.32	0.60	1750.0	1.08	1.07	1.08
1800.0	3.42	3.39	0.03	28.73	0.64	1800.0	1.16	1.11	1.12
1850.0	3.43	3.42	0.01	30.75	0.63	1850.0	1.25	1.16	1.17
1900.0	3.46	3.42	0.04	24.50	0.61	1900.0	1.34	1.22	1.22
1950.0	3.47	3.48	0.01	27.67	0.73	1950.0	1.43	1.28	1.28
2000.0	3.50	3.46	0.04	21.85	0.86	2000.0	1.53	1.34	1.32
2050.0	3.54	3.54	0.01	20.67	0.45	2050.0	1.62	1.38	1.37
2100.0	3.58	3.54	0.03	19.70	0.49	2100.0	1.69	1.42	1.40
2150.0	3.66	3.69	0.03	17.92	0.76	2150.0	1.76	1.45	1.42
2200.0	3.75	3.67	0.09	16.88	0.18	2200.0	1.80	1.47	1.43
2250.0	3.80	3.92	0.12	17.10	0.17	2250.0	1.83	1.47	1.43
2300.0	4.04	3.84	0.20	14.85	1.00	2300.0	1.83	1.46	1.42
2350.0	4.08	4.03	0.05	16.38	0.71	2350.0	1.83	1.45	1.40
2400.0	4.17	4.07	0.10	14.95	1.37	2400.0	1.80	1.41	1.38
2450.0	4.31	4.09	0.22	15.03	0.26	2450.0	1.77	1.38	1.35
2500.0	4.06	4.10	0.04	16.41	0.68	2500.0	1.73	1.33	1.31

¹ Total Loss = Insertion Loss + 3dB Splitter Loss

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