

2 Way-0° Power Splitter/Combiner

ZAPD-ED7722/1

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
2700.0	3.34	3.32	0.02	13.51	0.13	2700.0	1.89	1.27	1.26
2800.0	3.50	3.48	0.02	13.86	0.20	2800.0	1.82	1.27	1.27
2900.0	3.59	3.56	0.03	14.22	0.21	2900.0	1.77	1.28	1.28
3000.0	3.68	3.66	0.02	14.56	0.22	3000.0	1.72	1.28	1.29
3100.0	3.72	3.70	0.02	14.91	0.27	3100.0	1.70	1.29	1.29
3200.0	3.77	3.76	0.01	15.36	0.24	3200.0	1.69	1.29	1.30
3300.0	3.77	3.77	0.00	15.85	0.13	3300.0	1.69	1.30	1.31
3400.0	3.72	3.71	0.01	16.43	0.26	3400.0	1.70	1.31	1.32
3500.0	3.59	3.59	0.00	17.06	0.26	3500.0	1.71	1.31	1.32
3600.0	3.38	3.36	0.02	17.67	0.21	3600.0	1.72	1.32	1.33
3700.0	3.26	3.24	0.01	18.18	0.23	3700.0	1.71	1.33	1.33
3800.0	3.32	3.32	0.00	18.70	0.35	3800.0	1.70	1.33	1.32
3900.0	3.41	3.41	0.01	19.28	0.24	3900.0	1.66	1.33	1.31
4000.0	3.32	3.32	0.00	19.82	0.25	4000.0	1.62	1.32	1.30
4100.0	3.29	3.28	0.01	20.76	0.27	4100.0	1.56	1.31	1.28
4200.0	3.37	3.35	0.02	22.04	0.15	4200.0	1.49	1.29	1.27
4500.0	3.37	3.35	0.02	27.51	0.28	4500.0	1.27	1.24	1.20
4800.0	3.37	3.31	0.06	42.69	0.38	4800.0	1.14	1.20	1.17
5100.0	3.48	3.45	0.03	32.82	0.53	5100.0	1.09	1.19	1.16
5400.0	3.37	3.36	0.00	27.49	0.70	5400.0	1.10	1.15	1.15
5700.0	3.37	3.39	0.02	26.07	0.41	5700.0	1.18	1.11	1.14
6000.0	3.35	3.35	0.00	27.07	0.20	6000.0	1.21	1.12	1.16
6200.0	3.31	3.28	0.03	29.67	0.24	6200.0	1.16	1.16	1.18
6400.0	3.35	3.29	0.06	34.36	0.29	6400.0	1.08	1.20	1.18
6600.0	3.38	3.32	0.06	32.98	0.44	6600.0	1.08	1.21	1.17
6800.0	3.37	3.33	0.04	27.38	0.63	6800.0	1.17	1.20	1.14
7000.0	3.39	3.36	0.03	23.53	0.61	7000.0	1.21	1.18	1.12
7100.0	3.31	3.29	0.02	22.07	0.57	7100.0	1.21	1.17	1.13
7200.0	3.31	3.30	0.01	20.91	0.55	7200.0	1.21	1.16	1.14
7300.0	3.23	3.20	0.03	19.95	0.63	7300.0	1.21	1.16	1.16
7400.0	3.10	3.09	0.01	19.10	0.64	7400.0	1.23	1.17	1.19
7500.0	3.27	3.24	0.03	18.35	0.66	7500.0	1.27	1.17	1.21
7600.0	3.49	3.47	0.02	17.68	0.71	7600.0	1.34	1.19	1.23
7700.0	3.52	3.51	0.02	16.99	0.71	7700.0	1.42	1.20	1.25
7800.0	3.72	3.71	0.01	16.40	0.82	7800.0	1.50	1.21	1.26
7900.0	3.78	3.77	0.01	15.94	0.85	7900.0	1.57	1.22	1.27
8000.0	3.71	3.72	0.01	15.50	0.86	8000.0	1.61	1.22	1.27
8100.0	3.79	3.80	0.01	15.24	0.70	8100.0	1.62	1.23	1.27
8200.0	3.70	3.73	0.02	15.08	0.75	8200.0	1.59	1.23	1.27
8300.0	3.65	3.68	0.03	14.87	0.66	8300.0	1.54	1.22	1.25

¹ Total Loss = Insertion Loss + 3dB Splitter Loss

REV. X2

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