

2 Way-0° Power Splitter/Combiner

ZAPD-ED12592C/1

Typical Performance Data

FREQUENCY (MHz)	TOTAL LOSS ¹ (dB)		AMPLITUDE UNBALANCE (dB)	ISOLATION (dB)	PHASE UNBALANCE (deg.)	FREQUENCY (MHz)	VSWR (:1)		
	S-1	S-2					S	1	2
200.0	3.54	3.50	0.02	6.15	0.11	200.0	1.80	1.89	1.88
300.0	3.46	3.42	0.02	7.90	0.02	300.0	1.64	1.77	1.77
400.0	3.38	3.33	0.01	9.50	0.02	400.0	1.46	1.62	1.62
500.0	3.33	3.28	0.00	11.01	0.06	500.0	1.31	1.46	1.47
600.0	3.31	3.26	0.01	12.54	0.05	600.0	1.21	1.33	1.35
700.0	3.33	3.27	0.01	14.21	0.03	700.0	1.20	1.26	1.28
800.0	3.37	3.31	0.02	16.07	0.02	800.0	1.26	1.23	1.26
900.0	3.42	3.35	0.02	18.28	0.00	900.0	1.31	1.24	1.27
1000.0	3.45	3.39	0.02	21.00	0.00	1000.0	1.34	1.25	1.28
1100.0	3.47	3.40	0.02	24.54	0.00	1100.0	1.34	1.25	1.28
1200.0	3.46	3.40	0.01	29.55	0.01	1200.0	1.30	1.24	1.26
1300.0	3.45	3.39	0.01	35.52	0.01	1300.0	1.23	1.22	1.23
1400.0	3.44	3.38	0.01	32.09	0.03	1400.0	1.15	1.19	1.20
1500.0	3.43	3.37	0.01	27.79	0.07	1500.0	1.08	1.16	1.16
1600.0	3.44	3.37	0.01	25.20	0.11	1600.0	1.03	1.13	1.13
1700.0	3.45	3.38	0.02	23.64	0.13	1700.0	1.04	1.11	1.11
1800.0	3.47	3.39	0.04	22.82	0.13	1800.0	1.07	1.10	1.10
1900.0	3.48	3.39	0.05	22.50	0.17	1900.0	1.07	1.10	1.11
2000.0	3.49	3.40	0.05	22.64	0.17	2000.0	1.07	1.12	1.13
2100.0	3.50	3.42	0.06	23.14	0.06	2100.0	1.08	1.14	1.16
2200.0	3.53	3.43	0.06	24.08	0.00	2200.0	1.12	1.18	1.20
2300.0	3.55	3.46	0.05	25.54	0.03	2300.0	1.18	1.22	1.25
2400.0	3.59	3.51	0.04	27.62	0.10	2400.0	1.25	1.26	1.28
2500.0	3.61	3.55	0.02	30.61	0.19	2500.0	1.29	1.29	1.30
2600.0	3.63	3.58	0.01	35.70	0.16	2600.0	1.30	1.30	1.31
2700.0	3.64	3.60	0.01	50.46	0.16	2700.0	1.28	1.29	1.29
2800.0	3.64	3.61	0.02	39.67	0.11	2800.0	1.23	1.26	1.26
2900.0	3.62	3.60	0.03	33.08	0.07	2900.0	1.16	1.22	1.22
3000.0	3.60	3.58	0.03	29.81	0.02	3000.0	1.10	1.17	1.18
3100.0	3.61	3.58	0.03	27.88	0.11	3100.0	1.08	1.14	1.15
3200.0	3.62	3.58	0.02	26.64	0.15	3200.0	1.11	1.11	1.13
3300.0	3.63	3.58	0.01	26.02	0.19	3300.0	1.14	1.08	1.11
3400.0	3.63	3.57	0.00	25.91	0.19	3400.0	1.15	1.06	1.08
3500.0	3.63	3.57	0.01	26.33	0.19	3500.0	1.12	1.02	1.04
3600.0	3.64	3.58	0.01	27.20	0.14	3600.0	1.07	1.04	1.03
3700.0	3.65	3.60	0.00	28.47	0.13	3700.0	1.06	1.10	1.09
3800.0	3.67	3.63	0.02	30.19	0.09	3800.0	1.12	1.17	1.16
3900.0	3.70	3.68	0.04	32.54	0.08	3900.0	1.20	1.23	1.23
4000.0	3.74	3.73	0.07	33.68	0.08	4000.0	1.26	1.28	1.27
4100.0	3.76	3.78	0.09	32.40	0.13	4100.0	1.29	1.30	1.30
4200.0	3.77	3.81	0.11	29.68	0.15	4200.0	1.29	1.28	1.29
4300.0	3.76	3.81	0.13	27.47	0.18	4300.0	1.25	1.25	1.27
4400.0	3.74	3.80	0.13	25.66	0.22	4400.0	1.18	1.20	1.22
4500.0	3.73	3.79	0.13	24.24	0.32	4500.0	1.12	1.15	1.17
4600.0	3.73	3.79	0.12	23.23	0.33	4600.0	1.08	1.11	1.14
4700.0	3.75	3.80	0.12	22.66	0.32	4700.0	1.11	1.11	1.13
4800.0	3.78	3.81	0.11	22.51	0.24	4800.0	1.16	1.12	1.16
4900.0	3.82	3.84	0.09	22.62	0.19	4900.0	1.21	1.14	1.19
5000.0	3.86	3.88	0.10	22.98	0.08	5000.0	1.24	1.18	1.23
5100.0	3.90	3.91	0.09	23.58	0.07	5100.0	1.25	1.24	1.28
5200.0	3.94	3.95	0.09	24.59	0.20	5200.0	1.26	1.31	1.35
5300.0	3.96	3.98	0.10	25.68	0.32	5300.0	1.27	1.40	1.44
5400.0	3.98	4.02	0.12	26.37	0.43	5400.0	1.30	1.49	1.53
5500.0	4.02	4.07	0.14	25.99	0.55	5500.0	1.34	1.57	1.62
5600.0	4.05	4.12	0.17	24.69	0.71	5600.0	1.36	1.63	1.70
5700.0	4.07	4.17	0.20	22.74	0.82	5700.0	1.37	1.68	1.76
5800.0	4.08	4.17	0.21	20.62	0.90	5800.0	1.33	1.69	1.77
5900.0	4.07	4.15	0.23	18.69	0.98	5900.0	1.28	1.69	1.75
6000.0	4.05	4.11	0.22	16.99	1.04	6000.0	1.21	1.66	1.71
6100.0	4.08	4.08	0.18	15.57	0.97	6100.0	1.21	1.65	1.66
6200.0	4.13	4.07	0.14	14.28	0.72	6200.0	1.31	1.64	1.62
6300.0	4.22	4.11	0.10	13.21	0.30	6300.0	1.49	1.66	1.60
6400.0	4.33	4.20	0.06	12.30	0.21	6400.0	1.69	1.70	1.60

¹Total Loss = Insertion Loss + 3dB Splitter Loss



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IF/RF MICROWAVE COMPONENTS

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