

2 Way-0° Power Splitter/Combiner

ZAPD-ED4775B/2

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
1000.0	3.36	3.35	0.01	13.94	0.18	1000.0	1.59	1.16	1.17
1100.0	3.39	3.37	0.02	15.21	0.11	1100.0	1.52	1.14	1.15
1200.0	3.34	3.33	0.01	16.49	0.18	1200.0	1.44	1.13	1.14
1300.0	3.28	3.26	0.02	17.86	0.23	1300.0	1.37	1.12	1.13
1400.0	3.31	3.30	0.01	19.50	0.25	1400.0	1.29	1.12	1.13
1500.0	3.31	3.30	0.01	21.35	0.25	1500.0	1.22	1.11	1.12
1600.0	3.30	3.29	0.01	23.48	0.28	1600.0	1.16	1.09	1.11
1700.0	3.27	3.26	0.00	26.20	0.28	1700.0	1.11	1.07	1.09
1800.0	3.28	3.28	0.00	30.55	0.30	1800.0	1.07	1.05	1.06
1900.0	3.30	3.29	0.01	36.10	0.24	1900.0	1.05	1.03	1.04
2000.0	3.31	3.30	0.01	34.09	0.28	2000.0	1.05	1.04	1.03
2050.0	3.31	3.31	0.00	33.50	0.30	2050.0	1.06	1.05	1.04
2100.0	3.35	3.34	0.01	32.66	0.29	2100.0	1.07	1.06	1.05
2150.0	3.35	3.34	0.01	31.69	0.31	2150.0	1.08	1.07	1.06
2200.0	3.32	3.31	0.01	30.50	0.37	2200.0	1.10	1.09	1.07
2250.0	3.43	3.42	0.01	29.48	0.34	2250.0	1.11	1.10	1.08
2300.0	3.43	3.42	0.01	28.41	0.34	2300.0	1.12	1.10	1.09
2350.0	3.37	3.35	0.02	27.52	0.36	2350.0	1.13	1.11	1.09
2400.0	3.47	3.46	0.01	26.85	0.41	2400.0	1.13	1.10	1.09
2450.0	3.47	3.46	0.01	26.15	0.43	2450.0	1.13	1.10	1.08
2500.0	3.47	3.46	0.01	25.68	0.42	2500.0	1.13	1.09	1.08
2550.0	3.51	3.50	0.01	25.27	0.40	2550.0	1.12	1.08	1.07
2600.0	3.44	3.44	0.00	24.94	0.45	2600.0	1.11	1.07	1.06
2650.0	3.48	3.48	0.00	24.83	0.44	2650.0	1.09	1.05	1.05
2700.0	3.48	3.47	0.01	24.66	0.45	2700.0	1.08	1.05	1.04
2750.0	3.41	3.40	0.01	24.68	0.41	2750.0	1.07	1.05	1.05
2800.0	3.43	3.43	0.00	24.84	0.48	2800.0	1.05	1.06	1.06
2850.0	3.40	3.39	0.01	24.99	0.38	2850.0	1.04	1.06	1.07
2900.0	3.39	3.39	0.00	25.46	0.46	2900.0	1.02	1.08	1.09
2950.0	3.36	3.35	0.01	25.88	0.45	2950.0	1.02	1.10	1.10
3000.0	3.33	3.34	0.01	26.60	0.51	3000.0	1.01	1.10	1.11
3100.0	3.31	3.32	0.01	28.35	0.57	3100.0	1.02	1.12	1.13
3200.0	3.38	3.39	0.01	29.89	0.52	3200.0	1.03	1.12	1.13
3300.0	3.34	3.34	0.00	28.18	0.49	3300.0	1.03	1.11	1.12
3400.0	3.30	3.30	0.01	24.49	0.52	3400.0	1.08	1.10	1.11
3500.0	3.26	3.26	0.00	21.18	0.64	3500.0	1.15	1.08	1.08
3600.0	3.34	3.34	0.00	18.71	0.63	3600.0	1.25	1.07	1.07
3700.0	3.34	3.34	0.00	16.82	0.69	3700.0	1.36	1.06	1.05
3800.0	3.40	3.39	0.01	15.32	0.76	3800.0	1.50	1.06	1.04
3900.0	3.40	3.39	0.01	13.99	0.80	3900.0	1.64	1.05	1.02
4000.0	3.57	3.58	0.01	13.13	0.86	4000.0	1.75	1.05	1.05

¹Total Loss = Insertion Loss + 3dB Splitter Loss



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IF/RF MICROWAVE COMPONENTS

REV. X2

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