

2 Way-0° Power Splitter/Combiner

ZAPD-ED10646/1

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
1400.0	3.36	3.36	0.01	14.64	0.15	1400.0	1.49	1.15	1.11
1500.0	3.34	3.33	0.00	15.82	0.17	1500.0	1.43	1.14	1.11
1600.0	3.31	3.31	0.00	17.13	0.22	1600.0	1.38	1.13	1.11
1700.0	3.28	3.29	0.01	18.58	0.30	1700.0	1.33	1.12	1.11
1800.0	3.27	3.28	0.01	20.22	0.31	1800.0	1.28	1.11	1.11
1900.0	3.26	3.27	0.01	22.08	0.35	1900.0	1.22	1.11	1.12
2000.0	3.25	3.28	0.03	24.26	0.37	2000.0	1.17	1.11	1.12
2100.0	3.25	3.28	0.03	26.72	0.37	2100.0	1.13	1.10	1.12
2200.0	3.26	3.30	0.04	29.34	0.40	2200.0	1.09	1.10	1.13
2300.0	3.28	3.32	0.04	31.35	0.42	2300.0	1.06	1.10	1.13
2400.0	3.29	3.33	0.04	31.56	0.46	2400.0	1.07	1.11	1.14
2620.0	3.33	3.38	0.05	27.93	0.50	2620.0	1.13	1.11	1.15
2840.0	3.36	3.41	0.06	25.18	0.45	2840.0	1.19	1.12	1.15
3060.0	3.37	3.42	0.05	23.81	0.36	3060.0	1.23	1.11	1.13
3280.0	3.36	3.40	0.04	23.45	0.45	3280.0	1.21	1.10	1.11
3500.0	3.37	3.40	0.04	23.78	0.55	3500.0	1.17	1.08	1.08
3720.0	3.35	3.39	0.04	24.71	0.54	3720.0	1.11	1.08	1.08
3940.0	3.35	3.39	0.04	26.09	0.66	3940.0	1.05	1.09	1.10
4160.0	3.36	3.42	0.05	28.02	0.66	4160.0	1.04	1.10	1.13
4380.0	3.36	3.45	0.08	30.25	0.50	4380.0	1.08	1.11	1.14
4600.0	3.38	3.46	0.09	32.12	0.49	4600.0	1.11	1.12	1.15
4820.0	3.41	3.50	0.09	31.93	0.49	4820.0	1.15	1.14	1.14
5040.0	3.44	3.53	0.08	30.03	0.64	5040.0	1.18	1.15	1.12
5260.0	3.48	3.56	0.07	28.30	0.64	5260.0	1.20	1.15	1.11
5480.0	3.49	3.57	0.08	27.10	0.57	5480.0	1.20	1.13	1.09
5700.0	3.47	3.57	0.10	26.65	0.67	5700.0	1.16	1.08	1.05
5850.0	3.44	3.56	0.12	26.77	0.70	5850.0	1.11	1.05	1.02
6000.0	3.44	3.56	0.11	27.87	0.67	6000.0	1.06	1.05	1.04
6191.3	3.47	3.56	0.10	30.76	0.51	6191.3	1.09	1.13	1.12
6382.5	3.51	3.61	0.10	37.54	0.68	6382.5	1.20	1.25	1.23
6573.8	3.60	3.70	0.10	31.54	0.84	6573.8	1.33	1.37	1.34
6765.0	3.71	3.82	0.11	24.53	0.96	6765.0	1.48	1.49	1.45
6900.0	3.81	3.91	0.11	21.25	1.03	6900.0	1.57	1.55	1.51
7000.0	3.86	3.97	0.11	19.34	1.01	7000.0	1.63	1.58	1.53
7200.0	3.93	4.04	0.12	16.30	1.13	7200.0	1.70	1.58	1.53
7400.0	3.94	4.08	0.14	14.01	1.17	7400.0	1.72	1.49	1.45
7600.0	3.94	4.13	0.19	12.27	1.07	7600.0	1.74	1.34	1.31
7800.0	3.99	4.23	0.24	10.93	0.97	7800.0	1.79	1.15	1.14
8000.0	4.14	4.44	0.30	10.07	1.09	8000.0	1.91	1.05	1.10

¹Total Loss = Insertion Loss + 3dB Splitter Loss



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IF/RF MICROWAVE COMPONENTS

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