

2 Way-0° Power Splitter/Combiner

CDP-ED14964/1

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
0.5	3.70	3.19	0.51	16.05	3.03	0.5	1.20	1.82	1.57
0.7	3.65	3.22	0.43	17.85	2.39	0.7	1.16	1.63	1.44
1.0	3.60	3.23	0.38	19.50	1.87	1.0	1.12	1.51	1.36
2.0	3.52	3.20	0.32	22.22	1.22	2.0	1.09	1.36	1.26
3.0	3.47	3.18	0.28	23.82	1.02	3.0	1.07	1.30	1.21
4.0	3.43	3.17	0.26	25.12	0.88	4.0	1.06	1.26	1.18
5.0	3.40	3.16	0.24	26.22	0.78	5.0	1.05	1.23	1.16
6.0	3.38	3.15	0.23	27.14	0.68	6.0	1.05	1.21	1.15
10.0	3.36	3.14	0.21	29.60	0.45	10.0	1.03	1.17	1.12
20.0	3.34	3.15	0.19	32.00	0.24	20.0	1.02	1.14	1.09
30.0	3.34	3.15	0.19	32.47	0.14	30.0	1.02	1.14	1.09
40.0	3.35	3.16	0.19	32.37	0.08	40.0	1.02	1.13	1.09
50.0	3.35	3.17	0.19	32.11	0.05	50.0	1.02	1.13	1.09
60.0	3.36	3.17	0.19	31.82	0.01	60.0	1.02	1.13	1.09
70.0	3.37	3.18	0.19	31.56	0.01	70.0	1.02	1.13	1.09
80.0	3.38	3.18	0.19	31.31	0.02	80.0	1.02	1.13	1.09
90.0	3.38	3.19	0.19	31.09	0.03	90.0	1.02	1.13	1.09
100.0	3.39	3.20	0.19	30.90	0.04	100.0	1.02	1.13	1.09
200.0	3.44	3.24	0.20	29.47	0.07	200.0	1.02	1.11	1.09
300.0	3.48	3.29	0.19	28.47	0.06	300.0	1.04	1.10	1.09
400.0	3.53	3.35	0.18	27.49	0.03	400.0	1.05	1.07	1.09
500.0	3.59	3.41	0.18	26.47	0.02	500.0	1.06	1.05	1.10
600.0	3.64	3.48	0.16	25.22	0.12	600.0	1.06	1.04	1.10
700.0	3.69	3.54	0.15	24.31	0.24	700.0	1.06	1.05	1.11
800.0	3.76	3.63	0.14	23.47	0.40	800.0	1.06	1.08	1.12
870.0	3.82	3.69	0.13	22.88	0.56	870.0	1.06	1.10	1.13
900.0	3.85	3.73	0.12	22.68	0.64	900.0	1.06	1.11	1.13
950.0	3.90	3.78	0.11	22.35	0.78	950.0	1.06	1.13	1.14
1002.0	3.95	3.84	0.11	22.03	0.94	1002.0	1.07	1.15	1.15
1050.0	4.00	3.90	0.10	21.80	1.10	1050.0	1.08	1.16	1.16
1100.0	4.06	3.96	0.09	21.58	1.27	1100.0	1.10	1.19	1.17
1150.0	4.12	4.03	0.09	21.40	1.48	1150.0	1.11	1.20	1.18
1200.0	4.19	4.10	0.09	21.23	1.71	1200.0	1.13	1.22	1.19
1250.0	4.26	4.18	0.09	21.05	1.94	1250.0	1.15	1.23	1.20
1300.0	4.35	4.26	0.09	20.83	2.21	1300.0	1.17	1.25	1.20
1400.0	4.54	4.44	0.10	20.10	2.78	1400.0	1.23	1.26	1.21
1500.0	4.80	4.67	0.13	18.68	3.40	1500.0	1.33	1.26	1.18
1600.0	5.16	4.98	0.18	16.59	4.09	1600.0	1.48	1.23	1.14

¹Total Loss = Insertion Loss + 3dB Splitter Loss



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 The Design Engineers Search Engine Provides ACTUAL Data Instantly From MINI-CIRCUITS At: www.minicircuits.com



IF/RF MICROWAVE COMPONENTS

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