

2 Way-0° Power Splitter/Combiner

Z99SC-ED11580

Typical Performance Data

FREQ. (MHz)	TOTAL LOSS ¹ (dB)		AMP. UNBAL. (dB)	ISOLATION (dB) 1-2	PHASE UNBAL. (deg.)	FREQ. (MHz)	VSWR (:1)		
	S-1	S-2					S	1	2
0.3	9.75	9.76	0.01	23.25	0.04	0.3	1.05	1.37	1.37
0.5	9.74	9.74	0.00	27.17	0.05	0.5	1.04	1.23	1.23
1.0	9.76	9.76	0.00	31.57	0.01	1.0	1.03	1.14	1.14
2.0	9.74	9.74	0.00	35.20	0.00	2.0	1.03	1.10	1.10
3.0	9.72	9.73	0.01	37.62	0.00	3.0	1.03	1.09	1.09
4.0	9.72	9.72	0.00	39.44	0.00	4.0	1.03	1.08	1.08
5.0	9.71	9.72	0.01	40.86	0.00	5.0	1.03	1.07	1.07
6.0	9.71	9.71	0.00	41.78	0.01	6.0	1.03	1.07	1.07
7.0	9.71	9.71	0.00	42.41	0.00	7.0	1.03	1.06	1.06
8.0	9.71	9.71	0.00	42.77	0.01	8.0	1.03	1.06	1.06
9.0	9.72	9.72	0.00	42.92	0.03	9.0	1.03	1.06	1.06
10.0	9.73	9.73	0.00	42.92	0.05	10.0	1.03	1.06	1.06
11.0	9.74	9.74	0.00	42.85	0.09	11.0	1.03	1.06	1.06
12.0	9.74	9.74	0.00	42.66	0.10	12.0	1.03	1.06	1.06
13.0	9.74	9.73	0.01	42.41	0.10	13.0	1.03	1.06	1.06
14.0	9.73	9.73	0.00	42.13	0.10	14.0	1.03	1.06	1.06
15.0	9.73	9.73	0.00	41.85	0.09	15.0	1.03	1.06	1.06
15.1	9.73	9.73	0.00	41.80	0.09	15.1	1.03	1.06	1.06
15.2	9.73	9.73	0.00	41.79	0.09	15.2	1.03	1.06	1.06
15.3	9.73	9.73	0.00	41.73	0.08	15.3	1.03	1.06	1.06
15.4	9.73	9.73	0.00	41.72	0.09	15.4	1.03	1.06	1.06
15.5	9.73	9.73	0.00	41.69	0.09	15.5	1.03	1.06	1.06
15.6	9.73	9.73	0.00	41.68	0.09	15.6	1.03	1.06	1.06
15.7	9.73	9.73	0.00	41.63	0.08	15.7	1.03	1.06	1.06
15.8	9.73	9.73	0.00	41.60	0.08	15.8	1.03	1.06	1.06
15.9	9.73	9.73	0.00	41.56	0.08	15.9	1.03	1.06	1.06
16.0	9.73	9.73	0.00	41.54	0.08	16.0	1.03	1.06	1.06
20.0	9.72	9.73	0.01	40.31	0.07	20.0	1.03	1.06	1.06
25.0	9.73	9.73	0.00	38.89	0.07	25.0	1.03	1.06	1.06
30.0	9.73	9.74	0.01	37.67	0.07	30.0	1.03	1.06	1.06
35.0	9.74	9.74	0.00	36.59	0.08	35.0	1.03	1.06	1.06
40.0	9.74	9.75	0.01	35.65	0.09	40.0	1.03	1.06	1.06
45.0	9.75	9.75	0.00	34.83	0.08	45.0	1.02	1.06	1.06
50.0	9.76	9.76	0.00	34.07	0.07	50.0	1.02	1.06	1.06
55.0	9.76	9.77	0.01	33.36	0.08	55.0	1.02	1.06	1.06
60.0	9.77	9.77	0.00	32.73	0.08	60.0	1.02	1.06	1.06
65.0	9.78	9.78	0.00	32.14	0.08	65.0	1.02	1.06	1.06
70.0	9.78	9.78	0.00	31.60	0.09	70.0	1.02	1.06	1.06
75.0	9.79	9.79	0.00	31.09	0.09	75.0	1.03	1.06	1.06
80.0	9.79	9.79	0.00	30.60	0.10	80.0	1.03	1.06	1.06
85.0	9.80	9.80	0.00	30.14	0.10	85.0	1.03	1.06	1.06

¹Total Loss = Insertion Loss + 3dB Splitter Loss