

2 Way-0° Power Splitter/Combiner Z99SC-ED11702/1

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
0.3	3.19	3.19	0.00	22.86	0.01	0.3	1.21	1.38	1.38
0.4	3.17	3.18	0.00	24.97	0.01	0.4	1.16	1.28	1.28
0.5	3.17	3.17	0.00	26.48	0.01	0.5	1.13	1.22	1.22
0.6	3.17	3.18	0.00	27.59	0.01	0.6	1.12	1.19	1.19
0.7	3.18	3.18	0.00	28.39	0.00	0.7	1.11	1.16	1.17
0.8	3.18	3.18	0.00	29.00	0.01	0.8	1.10	1.15	1.15
0.9	3.18	3.18	0.00	29.47	0.00	0.9	1.09	1.14	1.14
1.0	3.18	3.18	0.00	29.85	0.00	1.0	1.09	1.13	1.13
3.0	3.15	3.15	0.01	33.31	0.00	3.0	1.06	1.07	1.07
5.0	3.13	3.14	0.00	34.47	0.01	5.0	1.06	1.05	1.05
7.0	3.13	3.13	0.01	34.81	0.03	7.0	1.06	1.04	1.04
9.0	3.14	3.14	0.00	34.84	0.02	9.0	1.06	1.04	1.04
10.0	3.15	3.15	0.00	34.82	0.03	10.0	1.06	1.04	1.04
12.0	3.16	3.15	0.00	34.64	0.07	12.0	1.06	1.04	1.03
14.0	3.15	3.15	0.00	34.43	0.05	14.0	1.06	1.03	1.03
14.5	3.15	3.15	0.00	34.36	0.05	14.5	1.06	1.03	1.03
15.0	3.15	3.15	0.00	34.31	0.05	15.0	1.06	1.03	1.03
15.5	3.15	3.15	0.00	34.27	0.05	15.5	1.06	1.03	1.03
16.0	3.15	3.15	0.00	34.19	0.04	16.0	1.06	1.03	1.03
45.0	3.16	3.17	0.01	30.71	0.02	45.0	1.08	1.03	1.03
50.0	3.17	3.18	0.01	30.22	0.01	50.0	1.08	1.03	1.03
55.0	3.18	3.19	0.01	29.74	0.00	55.0	1.09	1.03	1.03
60.0	3.18	3.19	0.01	29.28	0.01	60.0	1.09	1.03	1.03
65.0	3.19	3.20	0.01	28.83	0.01	65.0	1.09	1.03	1.03
70.0	3.20	3.20	0.01	28.43	0.02	70.0	1.10	1.03	1.03
75.0	3.20	3.21	0.01	28.01	0.02	75.0	1.10	1.03	1.03
80.0	3.21	3.21	0.01	27.62	0.03	80.0	1.10	1.03	1.03
85.0	3.21	3.22	0.01	27.23	0.04	85.0	1.11	1.03	1.03
90.0	3.22	3.22	0.01	26.86	0.04	90.0	1.11	1.03	1.03
95.0	3.22	3.23	0.01	26.47	0.04	95.0	1.12	1.03	1.03
100.0	3.22	3.23	0.01	26.12	0.04	100.0	1.12	1.03	1.04
150.0	3.28	3.29	0.02	23.22	0.07	150.0	1.17	1.04	1.04
200.0	3.33	3.35	0.02	21.03	0.11	200.0	1.22	1.04	1.04
250.0	3.39	3.41	0.02	19.27	0.14	250.0	1.28	1.06	1.06
300.0	3.44	3.47	0.03	17.92	0.17	300.0	1.34	1.07	1.06
350.0	3.51	3.54	0.03	16.76	0.21	350.0	1.39	1.08	1.08
400.0	3.58	3.62	0.04	15.76	0.26	400.0	1.46	1.10	1.10
450.0	3.65	3.70	0.05	14.91	0.33	450.0	1.52	1.12	1.11
500.0	3.74	3.82	0.07	14.19	0.23	500.0	1.60	1.14	1.14
550.0	3.82	3.88	0.06	13.49	0.16	550.0	1.66	1.16	1.17
600.0	3.91	3.97	0.06	12.89	0.19	600.0	1.73	1.19	1.19

¹ Total Loss = Insertion Loss + 3dB Splitter Loss

REV. X2

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