

2 Way-0° Power Splitter/Combiner

SBTC-ED12456/1

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
0.30	3.84	3.14	0.69	13.79	3.28	0.30	1.21	2.11	1.74
0.40	3.71	3.13	0.57	14.90	3.06	0.40	1.16	1.91	1.62
0.50	3.62	3.13	0.49	15.85	2.84	0.50	1.14	1.78	1.54
0.70	3.52	3.13	0.39	17.41	2.41	0.70	1.11	1.62	1.43
0.90	3.46	3.13	0.34	18.64	2.08	0.90	1.09	1.52	1.37
1.00	3.44	3.12	0.32	19.17	1.96	1.00	1.08	1.49	1.35
2.00	3.33	3.11	0.22	22.62	1.27	2.00	1.05	1.32	1.23
3.00	3.29	3.10	0.19	24.69	0.98	3.00	1.04	1.26	1.19
4.00	3.27	3.10	0.17	26.25	0.79	4.00	1.03	1.22	1.16
5.00	3.26	3.10	0.15	27.49	0.65	5.00	1.03	1.20	1.15
6.00	3.25	3.11	0.14	28.49	0.54	6.00	1.02	1.18	1.14
7.00	3.24	3.11	0.14	29.27	0.47	7.00	1.02	1.17	1.13
8.00	3.24	3.11	0.14	29.89	0.40	8.00	1.02	1.17	1.13
9.00	3.25	3.12	0.14	30.39	0.32	9.00	1.02	1.16	1.12
10.00	3.25	3.12	0.13	30.81	0.24	10.00	1.02	1.16	1.12
30.00	3.25	3.13	0.12	32.52	0.06	30.00	1.02	1.14	1.11
50.00	3.27	3.15	0.12	32.06	0.17	50.00	1.03	1.14	1.10
70.00	3.28	3.17	0.12	31.45	0.21	70.00	1.03	1.13	1.10
90.00	3.29	3.18	0.12	30.79	0.27	90.00	1.03	1.13	1.10
100.00	3.30	3.18	0.12	30.43	0.30	100.00	1.03	1.13	1.10
200.00	3.35	3.24	0.11	27.79	0.47	200.00	1.05	1.12	1.09
300.00	3.39	3.29	0.09	25.57	0.61	300.00	1.06	1.10	1.09
400.00	3.42	3.34	0.08	23.94	0.69	400.00	1.07	1.07	1.08
450.00	3.44	3.37	0.07	23.30	0.73	450.00	1.07	1.06	1.08
500.00	3.46	3.41	0.05	22.71	0.76	500.00	1.07	1.05	1.08
550.00	3.48	3.44	0.04	22.21	0.79	550.00	1.08	1.05	1.08
600.00	3.51	3.49	0.02	21.79	0.81	600.00	1.08	1.04	1.08
700.00	3.55	3.56	0.01	21.15	0.79	700.00	1.08	1.06	1.09
800.00	3.61	3.65	0.05	20.78	0.71	800.00	1.08	1.08	1.11
900.00	3.68	3.76	0.08	20.58	0.56	900.00	1.07	1.12	1.13
925.00	3.70	3.79	0.10	20.54	0.52	925.00	1.07	1.13	1.14
950.00	3.72	3.82	0.11	20.52	0.46	950.00	1.07	1.14	1.14
975.00	3.74	3.86	0.12	20.50	0.40	975.00	1.07	1.15	1.15
1000.00	3.76	3.89	0.13	20.49	0.33	1000.00	1.07	1.16	1.15
1025.00	3.79	3.93	0.14	20.47	0.26	1025.00	1.07	1.17	1.16
1050.00	3.82	3.96	0.15	20.44	0.18	1050.00	1.06	1.18	1.17
1100.00	3.87	4.04	0.17	20.34	0.01	1100.00	1.06	1.19	1.18
1300.00	4.19	4.43	0.23	19.28	0.91	1300.00	1.06	1.25	1.22
1500.00	4.73	4.98	0.25	16.70	2.25	1500.00	1.11	1.27	1.21
1750.00	5.90	6.03	0.12	13.57	4.25	1750.00	1.21	1.25	1.11
2000.00	8.21	7.79	0.42	13.79	5.67	2000.00	1.32	1.47	1.14

¹ Total Loss = Insertion Loss + 3dB Splitter Loss