

2 Way-180° Power Splitter/Combiner SBTCJ-ED11986/2

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	4.86	4.85	0.01	16.78	180.16	0.30	1.88	1.41	1.41
0.50	4.43	4.43	0.01	19.39	180.20	0.50	1.59	1.30	1.30
0.75	4.20	4.19	0.01	21.22	180.06	0.75	1.45	1.24	1.24
1.00	4.06	4.05	0.01	22.41	180.08	1.00	1.37	1.21	1.21
2.00	3.79	3.79	0.01	24.47	180.04	2.00	1.24	1.15	1.15
4.00	3.63	3.63	0.00	24.34	180.07	4.00	1.16	1.10	1.10
6.00	3.58	3.58	0.00	23.62	180.05	6.00	1.13	1.08	1.08
8.00	3.56	3.56	0.00	23.16	180.11	8.00	1.12	1.07	1.07
10.00	3.57	3.56	0.01	22.89	179.93	10.00	1.11	1.06	1.06
20.00	3.55	3.55	0.00	22.39	179.85	20.00	1.10	1.05	1.05
30.00	3.55	3.55	0.00	22.33	179.79	30.00	1.09	1.05	1.05
40.00	3.56	3.56	0.00	22.34	179.74	40.00	1.09	1.05	1.05
50.00	3.57	3.57	0.00	22.37	179.63	50.00	1.09	1.05	1.05
60.00	3.58	3.58	0.00	22.39	179.58	60.00	1.09	1.05	1.05
70.00	3.59	3.59	0.00	22.42	179.55	70.00	1.09	1.05	1.05
80.00	3.60	3.60	0.00	22.47	179.46	80.00	1.09	1.05	1.05
90.00	3.60	3.60	0.00	22.50	179.40	90.00	1.09	1.05	1.06
100.00	3.61	3.61	0.01	22.54	179.36	100.00	1.09	1.05	1.06
125.00	3.62	3.63	0.01	22.63	179.18	125.00	1.10	1.05	1.06
150.00	3.63	3.66	0.02	22.73	179.03	150.00	1.10	1.05	1.07
175.00	3.64	3.67	0.03	22.85	178.91	175.00	1.11	1.05	1.08
200.00	3.65	3.69	0.04	22.99	178.77	200.00	1.11	1.06	1.08
225.00	3.66	3.71	0.05	23.14	178.59	225.00	1.12	1.06	1.09
250.00	3.66	3.73	0.07	23.31	178.42	250.00	1.12	1.06	1.10
275.00	3.66	3.75	0.08	23.49	178.27	275.00	1.13	1.06	1.11
300.00	3.66	3.76	0.10	23.68	178.10	300.00	1.14	1.07	1.12
325.00	3.67	3.78	0.11	23.89	177.88	325.00	1.14	1.07	1.13
350.00	3.67	3.80	0.13	24.07	177.81	350.00	1.15	1.08	1.14
375.00	3.67	3.82	0.15	24.31	177.72	375.00	1.16	1.08	1.15
400.00	3.67	3.84	0.17	24.54	177.48	400.00	1.17	1.09	1.16
450.00	3.67	3.88	0.21	25.03	177.27	450.00	1.18	1.11	1.18
500.00	3.67	3.95	0.27	25.60	176.86	500.00	1.20	1.13	1.21
550.00	3.67	4.01	0.34	26.19	176.66	550.00	1.21	1.15	1.24
600.00	3.68	4.08	0.40	26.65	176.21	600.00	1.23	1.18	1.27
650.00	3.69	4.15	0.46	27.08	175.86	650.00	1.25	1.22	1.31
700.00	3.71	4.22	0.52	27.10	175.55	700.00	1.27	1.25	1.36
750.00	3.73	4.31	0.58	26.83	175.39	750.00	1.28	1.29	1.40
800.00	3.76	4.40	0.65	26.16	174.66	800.00	1.30	1.33	1.45
900.00	3.83	4.62	0.79	24.23	174.30	900.00	1.34	1.43	1.55
1000.00	3.94	4.86	0.93	22.09	174.42	1000.00	1.38	1.53	1.68

¹ Total Loss = Insertion Loss + 3dB Splitter Loss