

2 Way-180° Power Splitter/CombinerSBTCJ-ED8081B/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	4.51	4.50	0.00	17.78	180.00	0.30	1.75	1.36	1.36
0.75	4.04	4.04	0.00	22.06	180.03	0.75	1.38	1.21	1.21
1.00	3.94	3.94	0.00	22.99	180.03	1.00	1.32	1.18	1.18
3.00	3.63	3.63	0.00	24.20	180.04	3.00	1.17	1.11	1.11
5.00	3.56	3.55	0.00	23.26	180.04	5.00	1.13	1.09	1.09
10.00	3.54	3.53	0.01	22.20	179.87	10.00	1.10	1.07	1.06
20.00	3.54	3.53	0.00	21.83	179.80	20.00	1.09	1.06	1.05
30.00	3.55	3.55	0.00	21.87	179.73	30.00	1.09	1.05	1.05
40.00	3.57	3.57	0.00	21.97	179.67	40.00	1.09	1.05	1.05
50.00	3.58	3.59	0.00	22.05	179.60	50.00	1.09	1.05	1.05
60.00	3.60	3.60	0.00	22.12	179.53	60.00	1.09	1.06	1.05
70.00	3.61	3.61	0.00	22.19	179.46	70.00	1.09	1.06	1.05
80.00	3.62	3.62	0.01	22.27	179.40	80.00	1.09	1.06	1.05
90.00	3.63	3.63	0.01	22.33	179.32	90.00	1.09	1.06	1.05
100.00	3.63	3.64	0.01	22.37	179.25	100.00	1.10	1.07	1.06
150.00	3.66	3.69	0.03	22.65	178.90	150.00	1.11	1.08	1.07
200.00	3.68	3.73	0.05	23.04	178.58	200.00	1.13	1.10	1.09
250.00	3.69	3.77	0.09	23.49	178.27	250.00	1.15	1.12	1.10
300.00	3.69	3.81	0.12	24.13	177.92	300.00	1.18	1.15	1.12
325.00	3.70	3.84	0.14	24.49	177.77	325.00	1.19	1.16	1.14
350.00	3.70	3.86	0.16	24.88	177.64	350.00	1.20	1.17	1.15
375.00	3.70	3.88	0.18	25.30	177.48	375.00	1.21	1.19	1.16
400.00	3.70	3.91	0.21	25.79	177.35	400.00	1.22	1.20	1.17
450.00	3.71	3.97	0.26	26.96	177.09	450.00	1.25	1.23	1.20
500.00	3.71	4.05	0.34	28.57	176.85	500.00	1.28	1.27	1.22
550.00	3.71	4.13	0.41	30.38	176.49	550.00	1.30	1.30	1.26
600.00	3.73	4.20	0.48	32.11	176.14	600.00	1.33	1.35	1.29
650.00	3.74	4.29	0.55	32.99	175.84	650.00	1.36	1.39	1.33
700.00	3.77	4.38	0.62	32.15	175.59	700.00	1.39	1.44	1.37
725.00	3.78	4.43	0.65	31.18	175.48	725.00	1.41	1.47	1.39
750.00	3.80	4.48	0.68	30.07	175.36	750.00	1.42	1.50	1.41
775.00	3.82	4.54	0.72	28.89	175.26	775.00	1.44	1.53	1.43
800.00	3.83	4.59	0.76	27.74	175.16	800.00	1.46	1.56	1.45
825.00	3.85	4.65	0.79	26.70	175.09	825.00	1.47	1.59	1.48
850.00	3.87	4.70	0.83	25.70	175.02	850.00	1.49	1.62	1.50
875.00	3.90	4.76	0.87	24.78	174.94	875.00	1.51	1.65	1.53
900.00	3.93	4.83	0.90	23.91	174.89	900.00	1.52	1.69	1.55
925.00	3.96	4.89	0.93	23.11	174.84	925.00	1.54	1.72	1.58
950.00	3.99	4.96	0.97	22.36	174.81	950.00	1.55	1.76	1.61
975.00	4.03	5.03	1.00	21.66	174.80	975.00	1.57	1.79	1.64
1000.00	4.06	5.10	1.04	21.01	174.82	1000.00	1.59	1.83	1.67

¹Total Loss = Insertion Loss + 3dB Splitter Loss

