

2 Way-180° Power Splitter/Combiner SBTCJ-ED11064

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
0.4	5.02	5.03	0.01	20.81	180.01	0.4	1.84	1.61	1.61
0.5	4.84	4.85	0.01	22.29	180.03	0.5	1.72	1.55	1.56
0.6	4.72	4.73	0.02	23.49	180.04	0.6	1.64	1.52	1.53
0.7	4.62	4.63	0.01	24.51	180.04	0.7	1.59	1.49	1.50
0.8	4.54	4.55	0.02	25.39	180.04	0.8	1.54	1.47	1.48
0.9	4.47	4.48	0.01	26.19	180.00	0.9	1.51	1.45	1.46
1.0	4.41	4.42	0.01	26.90	180.07	1.0	1.48	1.44	1.44
4.0	3.87	3.87	0.00	41.87	180.10	4.0	1.22	1.27	1.27
7.0	3.80	3.79	0.01	49.79	180.10	7.0	1.17	1.22	1.23
10.0	3.77	3.77	0.01	48.39	179.91	10.0	1.16	1.20	1.20
43.0	3.76	3.75	0.02	44.54	179.84	43.0	1.14	1.17	1.17
76.0	3.78	3.77	0.01	43.98	179.72	76.0	1.15	1.17	1.17
109.0	3.79	3.78	0.01	42.99	179.63	109.0	1.15	1.18	1.17
142.0	3.81	3.80	0.01	41.68	179.55	142.0	1.17	1.19	1.18
175.0	3.81	3.81	0.00	40.31	179.49	175.0	1.18	1.20	1.18
180.0	3.81	3.81	0.00	40.07	179.43	180.0	1.18	1.20	1.18
197.0	3.82	3.82	0.00	39.29	179.39	197.0	1.19	1.20	1.18
214.0	3.82	3.82	0.00	38.65	179.35	214.0	1.20	1.20	1.19
231.0	3.83	3.83	0.01	38.11	179.37	231.0	1.22	1.21	1.19
248.0	3.84	3.85	0.01	37.38	179.31	248.0	1.23	1.22	1.20
265.0	3.83	3.86	0.02	36.80	179.26	265.0	1.24	1.23	1.21
282.0	3.84	3.86	0.02	36.27	179.25	282.0	1.25	1.23	1.22
299.0	3.84	3.87	0.03	35.62	179.22	299.0	1.26	1.24	1.22
316.0	3.84	3.87	0.04	35.12	179.18	316.0	1.27	1.25	1.23
333.0	3.85	3.89	0.04	34.59	179.21	333.0	1.28	1.25	1.24
350.0	3.87	3.92	0.05	34.17	179.14	350.0	1.29	1.26	1.26
430.0	3.88	3.98	0.10	32.52	179.14	430.0	1.33	1.29	1.29
510.0	3.89	4.05	0.16	31.39	179.24	510.0	1.36	1.29	1.32
590.0	3.88	4.13	0.25	30.51	179.32	590.0	1.39	1.31	1.36
670.0	3.87	4.22	0.36	30.08	179.38	670.0	1.40	1.33	1.40
750.0	3.84	4.33	0.49	29.62	179.50	750.0	1.42	1.35	1.46
818.6	3.84	4.46	0.62	28.63	179.60	818.6	1.41	1.36	1.53
887.1	3.86	4.58	0.72	26.82	179.68	887.1	1.41	1.38	1.59
955.7	3.88	4.69	0.82	24.63	179.27	955.7	1.41	1.39	1.64
1024.3	3.91	4.86	0.95	22.49	179.07	1024.3	1.41	1.44	1.70
1092.9	4.00	5.00	1.00	20.46	179.17	1092.9	1.42	1.48	1.78
1161.4	4.14	5.11	0.97	18.62	179.25	1161.4	1.42	1.54	1.89
1230.0	4.25	5.24	0.99	17.06	180.67	1230.0	1.43	1.61	2.01

¹Total Loss = Insertion Loss + 3dB Splitter Loss